

JONES HALL—ADMINISTRATION BUILDING

COLLEGE OF PUGET SOUND BULLETIN

Catalog Number, 1955-56

TACOMA, WASHINGTON

R. Franklin Thompson



DEDICATION

The student-body and alumni of the College are organized on a quadrant plan. This has a physical symbol in "The Color Post."

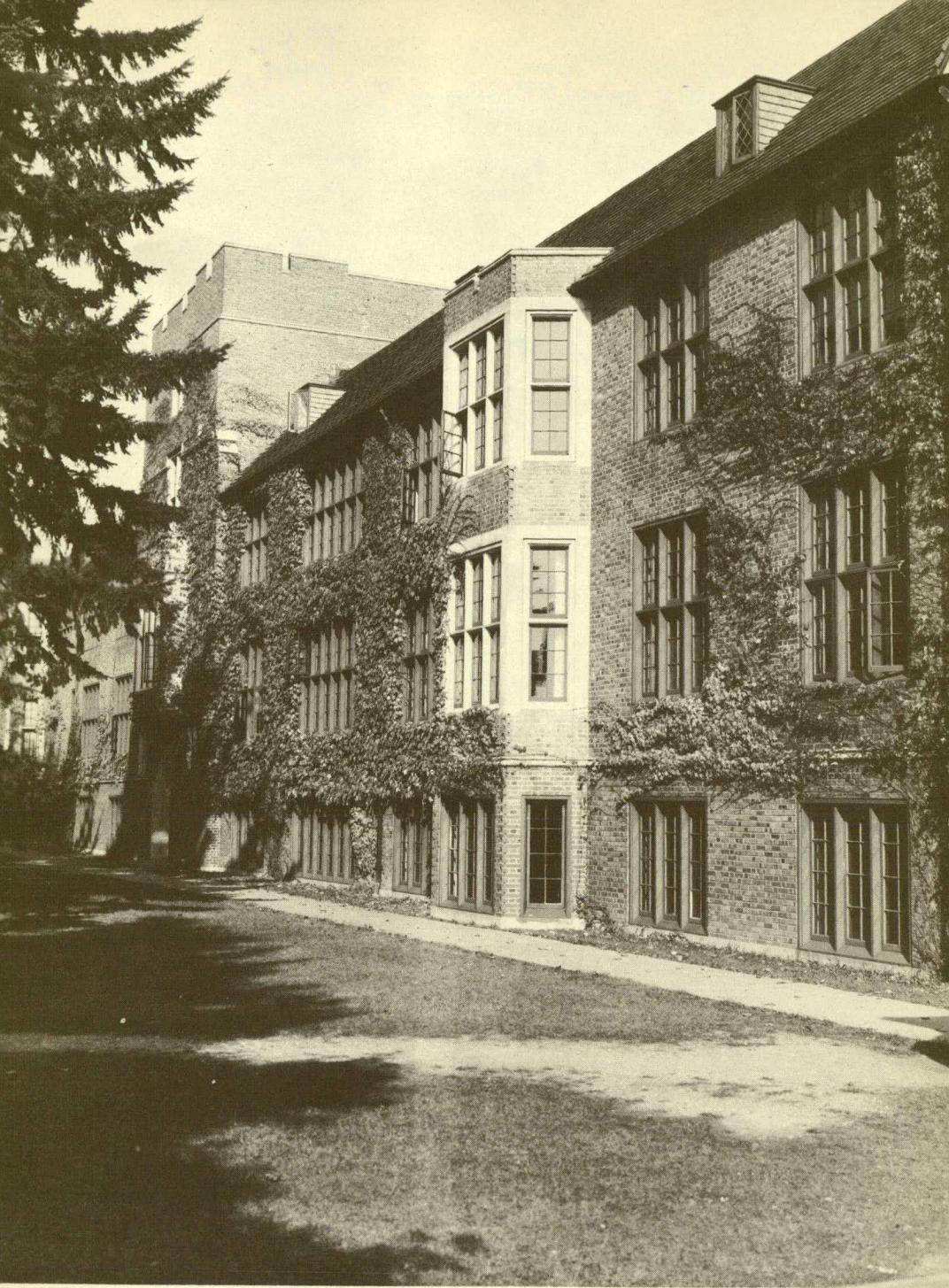
Colors on the four sides of the post are purple, red, yellow and white, which stand in academic usage respectively for law, religion, science and the arts. Thus it represents also the College's motto of "Learning, Good Government and the Christian Religion."

Each college class holds one side of The Color Post and belongs to the group of classes, or the Quadrant, which has held it as undergraduates. When a side is left vacant by a graduating class the next entering class receives it.

The catalog is dedicated each year to the outgoing and incoming classes—this year to the classes of 1955 and 1959. In their honor the color of Quadrant Three appears on this cover.



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JONES HALL AND INNER QUADRANGLE

COLLEGE OF PUGET SOUND BULLETIN

CATALOG NUMBER

RECORD FOR 1954-55

ANNOUNCEMENTS FOR 1955-56



Vol. XLVII, April, 1955, No. 2

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ISSUED QUARTERLY

1955

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COLLEGE CALENDAR

SUMMER SESSION, 1955

Registration	June 13
Classes begin.....	June 14*
Independence Day Holiday	July 4
End of first half of summer term	July 15
Registration for second half	July 15
Classes begin for second half	July 18
Close of summer term, and Convocation	August 19

FIRST SEMESTER, 1955-56

Registration and Freshman Induction	Sept. 14, 15, 16
Classes begin	Sept. 19
Latest date for discontinuing a course without F, unless work is satisfactory to date of withdrawal	Oct. 15
Latest date for removal of "Inc." or "K" grades	Oct. 28
Thanksgiving Holiday, begins at noon Wednesday	Nov. 23
ends at 8:00 a.m. Monday	Nov. 28
Christmas Recess, begins at noon Saturday	Dec. 17
ends at 8:00 a.m. Monday	Jan. 2
Advance registration for second semester	Jan. 2-6
Closed Period (from 6 p.m. to 6 p.m.)	Jan. 13-25
Examinations	Jan. 19-25
Last day of the first semester	Jan. 25

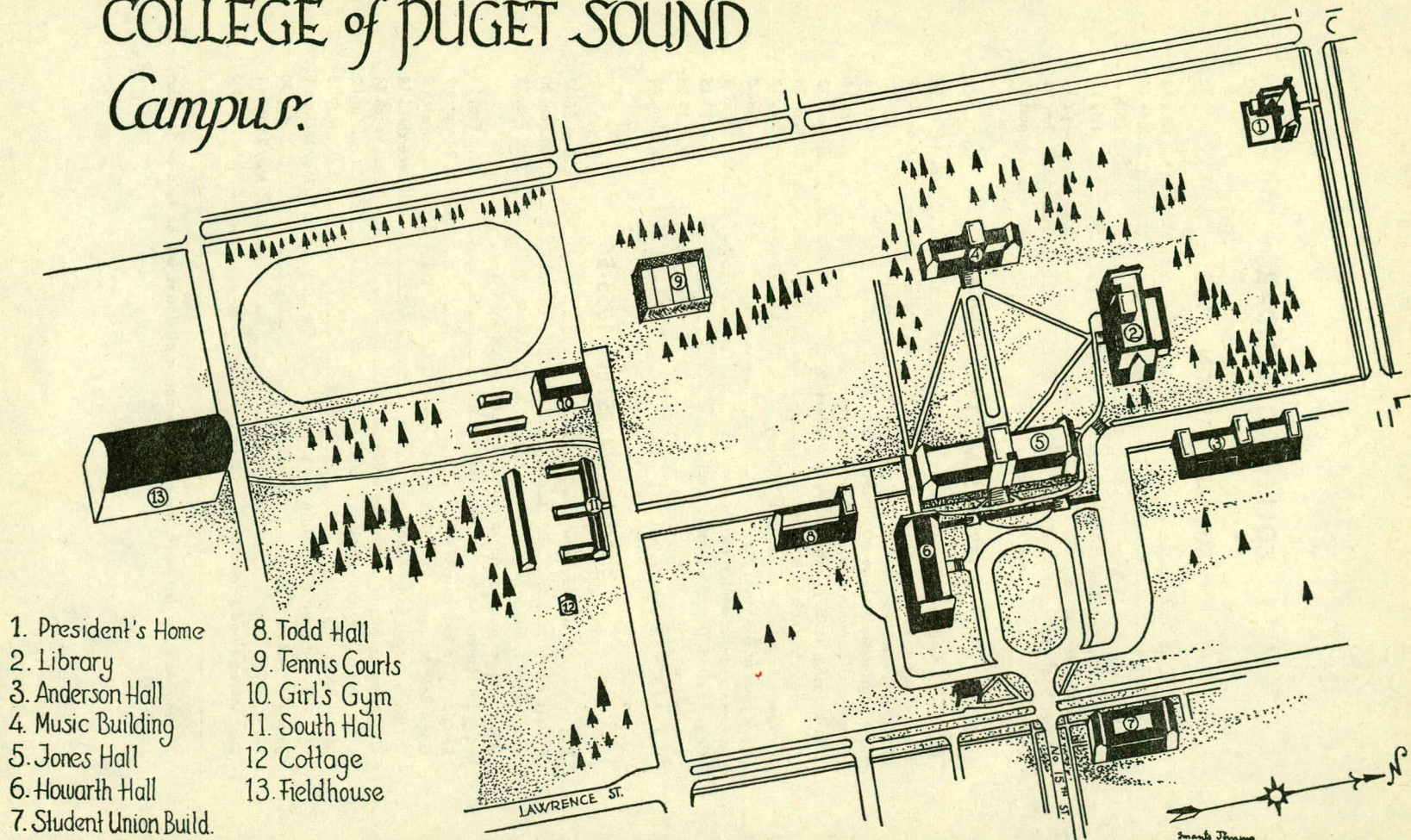
SECOND SEMESTER, 1955-56

Registration for new students	Jan. 26-27
Classes begin	Jan. 30
Washington's Birthday Holiday	Feb. 22
Latest date for discontinuing a course without F, unless work is satisfactory to date of withdrawal	Feb. 25
Religious Life Emphasis Week	Feb. 27-March 2
Latest date for removal of "Inc." or "K" grades	March 9
Graduate Record Examinations	March 13-14
Spring Recess, begins at noon Saturday	March 24
ends at 8:00 a.m. Monday	April 2
Senior Recognition Day	May 18
Closed Period (from 6 p.m. to 6 p.m.)	May 18-June 1
Memorial Holiday	May 30
Examinations	May 28-June 1
Baccalaureate and Convocation	June 3

*To complete the first week, the Monday program of classes will be held on Saturday, June 18.

COLLEGE of PUGET SOUND

Campus:



The College

GENERAL CHARACTER

The College of Puget Sound provides to young men and women a broad, well-balanced education leading to bachelors' and masters' degrees in the arts and sciences. It also prepares students for schools of medicine, law, engineering, dentistry and theology. In addition, there are professional degrees in teaching, music, occupational therapy, business, nursing and medical technology.

The College is concerned with producing men and women who will be the leaders in their communities—intellectually, socially and morally. For this purpose, the College is dedicated to "the promotion of learning, good government and the Christian Religion."

In its aim to promote the Christian spirit, the Christian religion is presented without any denominational teaching. The College believes that it is this spirit, woven into its entire program, which gives the institution its character.

HISTORY

The College of Puget Sound was founded as Puget Sound University in Tacoma, Washington, on March 17, 1888, on initiative of the Puget Sound Annual Conference of the Methodist Episcopal Church and by authorization of the Territorial Legislature. In 1903, the corporation became the University of Puget Sound, and in 1914, taking its present name, re-organized as a college of liberal arts.

In 1916, an endowment of a quarter-million dollars was completed through the James J. Hill Grant. By 1932 an additional million dollars had been added to the general endowment fund. The College at present, operating as an independent, non-tax-supported institution, has an endowment of two-million dollars and total assets worth six-million dollars.

CAMPUS AND PLANT

Originating in one frame building, the College of Puget Sound now occupies ten brick-faced concrete structures conveniently spaced over a campus of sixty acres. All of the College's resources and facilities have been well designed and directed for the benefit of the students.

C. H. Jones Hall houses the administrative offices, classrooms and art galleries. In addition, it contains the main auditorium.

THE COLLEGE

Leonard Howarth Hall is the science building. Physics, biology, chemistry and geology laboratories are here, as well as a completely equipped home economics department.

The Music Building contains studios, classrooms, practice rooms, listening rooms, a recording studio, student and faculty lounges, and a recital hall.

The Gymnasium contains locker rooms, dressing rooms, classrooms and playing courts for women. Adjoining the gymnasium is the football field. Plans for a seventy-five foot swimming pool adjacent to the gymnasium were begun in 1955.

The Everell S. Collins Memorial Library contains over seventy-two thousand volumes. Besides being a depository for federal documents the library subscribes to a selected list of three-hundred-and-ten periodicals. The reading rooms have a seating capacity of six-hundred. There is also a fully-equipped film-projection room, student lounge, typing rooms, special study rooms, and a rare book collection.

The Memorial Field House measures two-hundred by one-hundred-eighty feet, with space for four basketball courts. Its total seating capacity is over six-thousand. Besides providing for men's physical education, it houses the Air Force ROTC Unit.

The Agnes H. Anderson Hall is the women's residence. Attractively designed to accommodate two-hundred women, the hall contains student rooms, lounges, study rooms and recreational facilities.

The Edward H. Todd Hall is the men's residence. This hall contains facilities for one-hundred-and-twenty-five men. Besides the student rooms, there are lounges and recreational facilities.

The John M. Kittredge Hall is the student union building—the "SUB." It contains the book store, cafeteria, student activities offices, lounges and sorority chapter rooms.

ACADEMIC STANDING

The College of Puget Sound is accredited by the Northwest Association of Colleges and Secondary Schools. This accreditation is recognized by all other regional accrediting associations of the United States.

For particular work in the professional fields, the College is accredited by the American Medical Association, the University Senate of the Methodist Church, the National Association of Schools of Music, the American Association of University Women, the American Chemical Society and the Washington State Board of Education.

- ADMISSION
- REGISTRATION
- DEGREES OFFERED
- GRADUATION REQUIREMENTS
- FEES

Administration

Administration

ADMISSION

ADMISSION TO THE FRESHMAN CLASS

Graduates of accredited high schools may apply for admission to the freshman class. Applicants will be selected on the basis of qualities which give promise of success in higher education.

Factors considered are:

1. Evidence of graduation from an accredited high school.
2. High-school subjects and grades.
3. Recommendation of high school principal.
4. References from high school counselors.
5. Scores on USAFI General Educational Development Tests (only for active or honorably-discharged members of the armed services).
6. Evidence of satisfactory physical condition.

Formal application should be made to the College on the "Uniform Personal and Scholastic Record and Application for Admission to Higher Institutions in the State of Washington." This form is available in the principals' offices of all high schools in the State of Washington or may be obtained by request from the Director of Admissions at the College. When properly completed, the form presents necessary information on Factors 1 through 4 above. Applications should be received in the Admissions Office not later than two weeks prior to the registration date set for the semester.

All candidates will be notified by letter of the action taken on their applications. Accepted candidates will receive formal certificates of admission. The College necessarily reserves the right to reject any application.

ADMISSION TO ADVANCED STANDING

Students who have attended other accredited colleges or universities, and former students of the College of Puget Sound, may apply for admission to advanced standing.

Admission will be granted on the conditions set forth below:

1. The applicant must have on file with the Registrar of the College an official transcript of his record from each college or uni-

versity previously attended. Such transcripts must be sent by these institutions directly to the College, not by way of the student. Transcripts must be on file at least two weeks prior to the first day of registration of any session to assure consideration.

2. The applicant must present a certificate of honorable dismissal from the last-attended institution. No exception will be made to this condition. (Certification of the status of dismissal is ordinarily included on an official transcript.)
3. The applicant's scholastic record must give clear indication of probable success in a college course of study.

Assignment of advanced standing will be made following evaluation of the student's transcript. Evaluation and assignment are subject to the following considerations:

1. Credit will not be accepted for courses with "D" grades unless balanced by an equivalent amount of credit of "B" or "A."
2. A student eligible for junior or senior standing must indicate his choice of major subject when submitting his transcript.
3. Credit for extension or correspondence courses will not be accepted in excess of fifteen semester hours. Such credit will be considered only from accredited institutions having organized departments for extension and correspondence study.
4. Credit from accredited junior colleges will be accepted but not to exceed sixty semester hours plus four physical education credits.
5. Advanced standing assigned to any student will be tentative until one subsequent semester of normal enrollment has been completed satisfactorily. At that point the assigned standing may be revised before being accepted towards graduation as part of the student's permanent record.

ADMISSION TO GRADUATE STUDY

Students holding bachelors' degrees from accredited colleges and universities may apply for admission to graduate study. Each applicant must file with the Registrar an official transcript from the institution granting his degree and from any attended subsequent to graduation.

Not all persons engaged in graduate study are candidates for the master's degree. Application to work for a master's degree must be made to the Chairman of the Graduate Committee, and suitability of the candidate and of his program must be passed on by the Committee. Students who are enrolled in graduate study in accordance with these conditions will be admitted to candidacy for the master's degree after a semester of satisfactory graduate residence work.

REGISTRATION

ADMISSION OF SPECIAL STUDENTS

Mature students who are not graduates of high schools, or students from unaccredited institutions, are occasionally admitted as special students. Applicants should consult the Director of Admissions for procedure. Special students may enroll for courses for which they are prepared, but are not considered candidates for any degree.

On application to the Director of Admissions a special student may be granted regular class standing after satisfactorily completing one full year of residence study.

ADMISSION OF AUDITORS

Persons who desire to attend courses as auditors, or non-credit students, may be admitted only on the authorization of the Dean. The fee for auditors is half the regular tuition charge except that this reduction is not given in the evening or summer classes or in classes where participation is involved. Auditors will not ordinarily receive instruction or attention from the instructor in charge.

REGISTRATION

FRESHMAN INDUCTION

All first-year students are required to participate in Freshman Induction scheduled before the date for the beginning of classes. Announcement of the first freshman meeting will be sent each student.

The purpose of Freshman Induction is to acquaint the new student with the College's facilities, objectives and opportunities. Aptitude and achievement tests are also a part of the induction program. The results of these tests are used by advisers to assist the student in planning his college program of studies and activities. A freshman is not fully registered until he has completed these tests.

REGISTRATION DAYS

Dates for registration for each session are listed in the college calendar in the front of this catalog.

LATE REGISTRATION

Students unable to register at the scheduled time are requested to advise the Registrar. Late registration will be cared for only at the convenience of the faculty and registration officials. A fee of \$3.00 will be charged all late registrants.

NORMAL ENROLLMENT

The normal enrollment for a student will be fifteen credit hours, and a physical education activity. A freshman may carry one hour

above the normal enrollment, if his high school grades are good. A sophomore may carry two hours, and a junior or senior three hours above the normal enrollment provided that his grade-average for the previous semester was B or above.

REDUCED ENROLLMENT

Students engaged in outside work during any semester should consider their health and the quality of their academic work. Those employed for more than two hours per day would do well to reduce their enrollment. The offices of the Deans of Men and Women are available for advice in this matter.

At the discretion of the Dean of the College, any student failing in one-fourth of his enrollment shall, in the following semester, register for less than the normal enrollment.

PRECEDENCE OF COURSES

Students must give precedence to required courses in arranging their schedules. Work required by reason of delinquency in previous courses must also be given precedence.

CHANGE OF REGISTRATION

The student's choice of studies, once made and filed with the Registrar, is expected to be permanent. If a change becomes necessary at any time, the student must report to the Registrar's Office for appropriate forms and instructions.

After the second week of class meetings, courses may be cancelled but none added. After the date listed in the college calendar a student cannot withdraw from a course, unless his work in the course has been satisfactory up to the date of withdrawal, without being charged with a failure on his academic record.

Courses discontinued without official withdrawal will be graded F on the student's record. Credit will not be granted for courses not properly registered.

A fee of \$1.00 will be charged for each change of registration initiated by the student.

CHANGE OF ADDRESS

Students must keep the Registrar's Office advised of any change of their local or home addresses.

ADVISORY SYSTEM

When admitted to the College, each student is assigned to a member of the faculty who acts as his academic adviser until a major subject

DEGREES

of study is chosen. The student's registration for each semester must be approved by this adviser.

After the student has chosen a major subject, the head of instruction in that subject is his academic adviser. Each subsequent registration must be approved by the major adviser. This service will not release the student from personal responsibility for satisfaction of general requirements for graduation as stated in the catalog.

ATTENDANCE

Students are expected to give punctual and regular attendance at all classes and laboratory periods in courses for which they are registered. Absences are counted from the first day of the college term, not from the student's personal registration.

All work missed by reason of absence, regardless of cause, must be made up. A student's membership in a class may be discontinued for frequent tardiness or absence. An instructor may report a student to the Registrar's Office for cancellation of registration in a particular course when the number of absences from it exceeds twice that of its weekly meetings. In such a case, unless the student secures reinstatement on grounds satisfactory to the Dean of the College and to the instructor in the subject, a grade of F will be given for the course.

WITHDRAWAL

A student may terminate his registration by completing a withdrawal card available in the Registrar's Office. Conditions regarding withdrawal are the same as those concerning change of registration.

DEGREES OFFERED

The degrees of Bachelor of Arts and Bachelor of Science are given for completion of under-graduate programs in arts and sciences. Bachelor of Arts in Business Administration, Bachelor of Arts in Education, Bachelor of Arts in Physical Education, Bachelor of Science in Geology, Bachelor of Science in Occupational Therapy, and Bachelor of Arts or Science in Home Economics are offered in more specialized or applied curricula. The degree of Bachelor of Music will be given to students who major in fields of music other than literature.

The Bachelor of Education degree is granted to students who hold an A.B. or B.S. degree from an accredited college or university, and who meet residence and specific course requirements at the College of Puget Sound.

The College also offers work leading to the degrees of Master of Arts, Master of Science, Master of Arts in Education, Master of Education, and Master of Business Administration.

The requirements for each of the degrees are prescribed below. Applications for candidacy must be made not later than the first semester of the year in which a degree is expected.

GRADUATION REQUIREMENTS

REGULATIONS CONCERNING CREDITS AND GRADES

CREDIT HOURS

For each course of study successfully completed a student receives a number of credit hours which is equal to the number of standard-length class meetings per week. For example, a class which meets three times a week through a semester gives three credit hours. Lecture or recitation meetings are fifty minutes in length, and it is expected that there will be, on an average, two hours of preparation for each class meeting. Credit for laboratory periods is counted on the basis of one credit hour for two or three hours of laboratory work, depending upon the amount of supplementary work required outside the laboratory.

CLASSIFICATION OF STUDENTS

Freshman Standing—A student who has satisfied all entrance requirements has freshman standing.

Sophomore Standing—A student who has satisfied all entrance requirements and has a total of 24 credit hours and 48 grade points has sophomore standing.

Junior Standing—A student who has at least 55 credit hours and 110 grade points has junior standing.

Senior Standing—A student who has at least 84 credit hours and 168 grade points has senior standing.

GRADE REPORTS

Reports are made upon the standing and scholarship of all students at the middle of each semester, and unsatisfactory conditions are immediately considered by the Dean or academic adviser. The student is notified of unsatisfactory conditions, and, when it seems warranted, the parents of the student are also informed.

Semester reports of grades are given to the student the second week following the close of the first semester. Second semester grades are mailed to the home address.

SYSTEM OF GRADING

Grades	Significance	Grade Points
A.....	Unusual Excellence	4
B.....	Superior	3
C.....	Average	2
D.....	Passing	1
I.....	Incomplete	
K.....	Conditional	
F.....	Failure	0

GENERAL REQUIREMENTS

A student is reported incomplete in a course only on condition that his work has been generally good and the instructor considers that additional time is warranted for a specific piece of work which was missed or unfinished. *To secure credit this work must be completed not later than six weeks after the beginning of the next semester.*

A grade of K means work that is unsatisfactory but in which credit might be secured by a later examination. *Failure to take examination not later than six weeks after the beginning of the semester following that in which the grade of K was secured, or to make a grade of C in the examination, will convert a K into F. In no case can a K be converted into a grade higher than a D.*

SPECIAL EXAMINATIONS

A student who is absent from an examination or test may take a special examination or test only in case his absence was excusable. A charge of one dollar is made for a special final examination or qualifying examination such as is required in the case of excessive absences. A student must obtain a permit from the Dean and a Bursar's receipt for payment of the fee before he takes a special test or examination.

GRADE REQUIREMENTS

Earnest application to the academic program is expected from every student. The minimum qualification for graduation is 125 semester-hours of credit, of which not less than 120 are in academic subjects, with cumulative grade-point average of not less than 2.00 for all work attempted, and not less than 5 are for physical education activities.

A student who fails in more than one course, or one-third or more of his registered hours in any session, will not be permitted to re-register except by special action of the Admissions Committee.

If a student earns in any session a grade-point average less than 1.75, he will be on scholastic probation for the next session of college attendance. In case he earns a grade-point average less than 1.75 in a probationary session, he will not be permitted to re-register except by special action of the Admissions Committee.

A student whose general scholastic record is unsatisfactory will be placed on probation or refused permission to re-register. To be in good academic standing, the following minimum cumulative grade-point average must be maintained: Freshmen, 1.75; Sophomores, 1.85; Juniors, 1.95; Seniors, 2.00.

If a student's cumulative grade-point average falls below that for his respective class in any term, he will be placed on academic probation for the following term. If, in the following term, he does not reach the requisite grade-point average, he will not be permitted to re-register.

A student on probation for scholarship is not eligible to hold office in student organizations, to participate in extra-curricular activities, nor to be pledged or initiated into a social fraternity or sorority. (See Eligibility Rules in another part of this catalog for complete information.)

A Senior will not be placed on the list of students to be graduated at the end of a semester or session in which he is on scholastic probation.

CONVOCATION

There are regular convocations which serve educational and cultural purposes, and promotion of interests of the College community. Attendance at these is a part of each student's program, and a record of satisfactory in this is required in each semester at the College in order to be in good standing.

GRADUATE RECORD EXAMINATIONS

The College administers the Graduate Record Examinations to its senior class. These examinations give a rating on national standards in general education and in the major subject. The examinations must be taken by all students in the final semester of their senior year.

INDEPENDENT STUDY FOR HONORS

To Juniors and Seniors of superior ability the College offers an opportunity to pursue independent investigation in their major subjects.

Independent study may be requested by a student or suggested by one of his instructors, but in all cases recommendation by the faculty member who will be his major instructor and approval by the committee having general supervision of independent study are requisite. A point average of 3.0 is a general standard, though selection will be based on the student's attitudes and on the quality of his work in the subject in which he proposes to specialize rather than on his average grade in all subjects.

Upon beginning independent study, a student will choose in conference with his major professor the topics, periods, and literature for investigation. Regular conferences and reports will be required as means of giving help and of determining progress, but credit will be based on knowledge of the subject rather than on fulfillment of formal requirements.

The student's knowledge of his subject will be determined by comprehensive written and oral examinations to be held during the second and third weeks of May in the senior year. A student who stands well in these examinations will be excused from examinations

HONORS REQUIREMENTS

at the end of the senior year in all courses satisfactorily carried during the semester.

The comprehensive examinations will not be given in any case by a single instructor, but by a board drawn in part from outside the department or the institution. They will be under supervision of the committee on independent study.

Credit in amount recommended by the major instructor, but not to exceed five hours for a single semester, may be allowed toward the hours required for graduation, subject to confirmation by the examining board.

Each student must present a thesis displaying critical study of a designated area in the field of major interest, for which four hours may be allowed. The subject of the thesis must be submitted to the committee through the major instructor before October 15 of the senior year. The completed thesis must be submitted to the committee for approval before May 1 of the senior year.

A student will be recommended by the committee on the basis of his examinations and general record, (1) for a degree without honors, (2) for a degree with special mention in his major subject, or (3) for a degree with honors and with special mention in his major subject.

Capable students will be encouraged to start independent study at the beginning of the junior year, but they may be admitted at the beginning of any subsequent semester. A student who has begun independent study may be discontinued at the beginning of any semester by his own request or by action of the committee, and credit will be allowed on an evaluation of work done. A student who starts on the plan of independent study late, and who has taken most of his work in regular courses, is eligible equally with the others for honors, but must meet the requirements of thesis and comprehensive examinations on the same basis.

GRADUATION HONORS

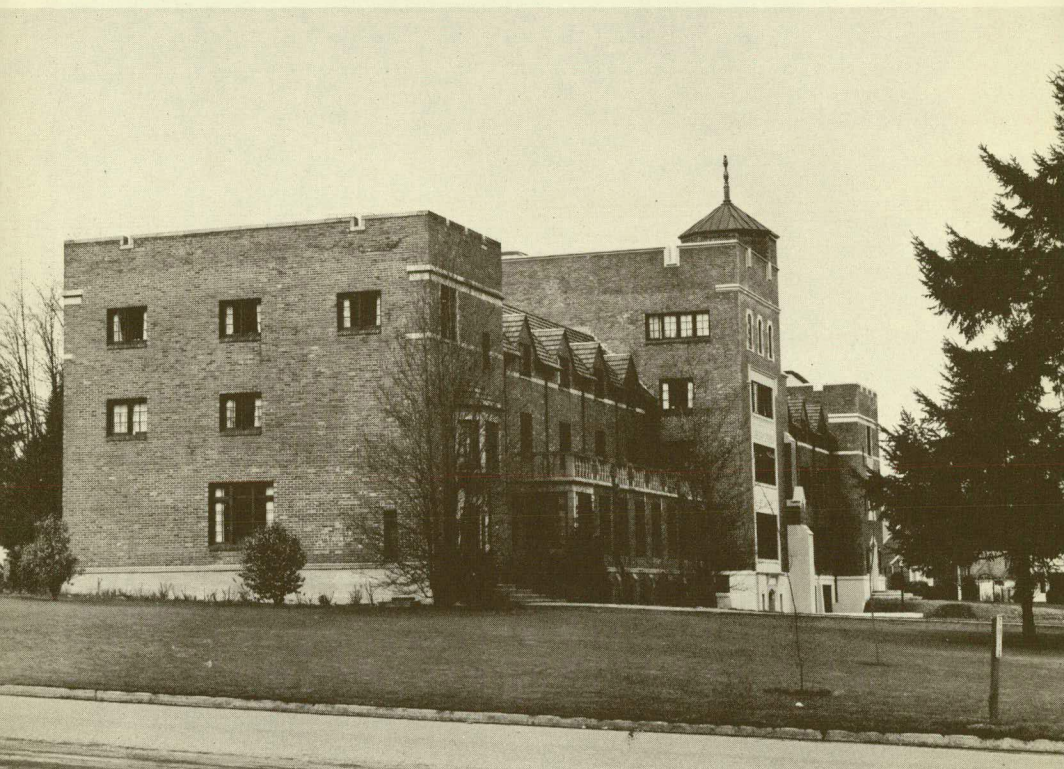
A degree with honors will be given to students who have given special evidence of intellectual ability and scholarliness. This distinction will be granted through recommendation by the Committee on Awards and Honors, based on the student's grade record and other evidences of knowledge and scholarly qualities, and approval by the faculty.

Students who are accepted for independent study are candidates for special mention in their major subjects on their diplomas and for degrees with honors.

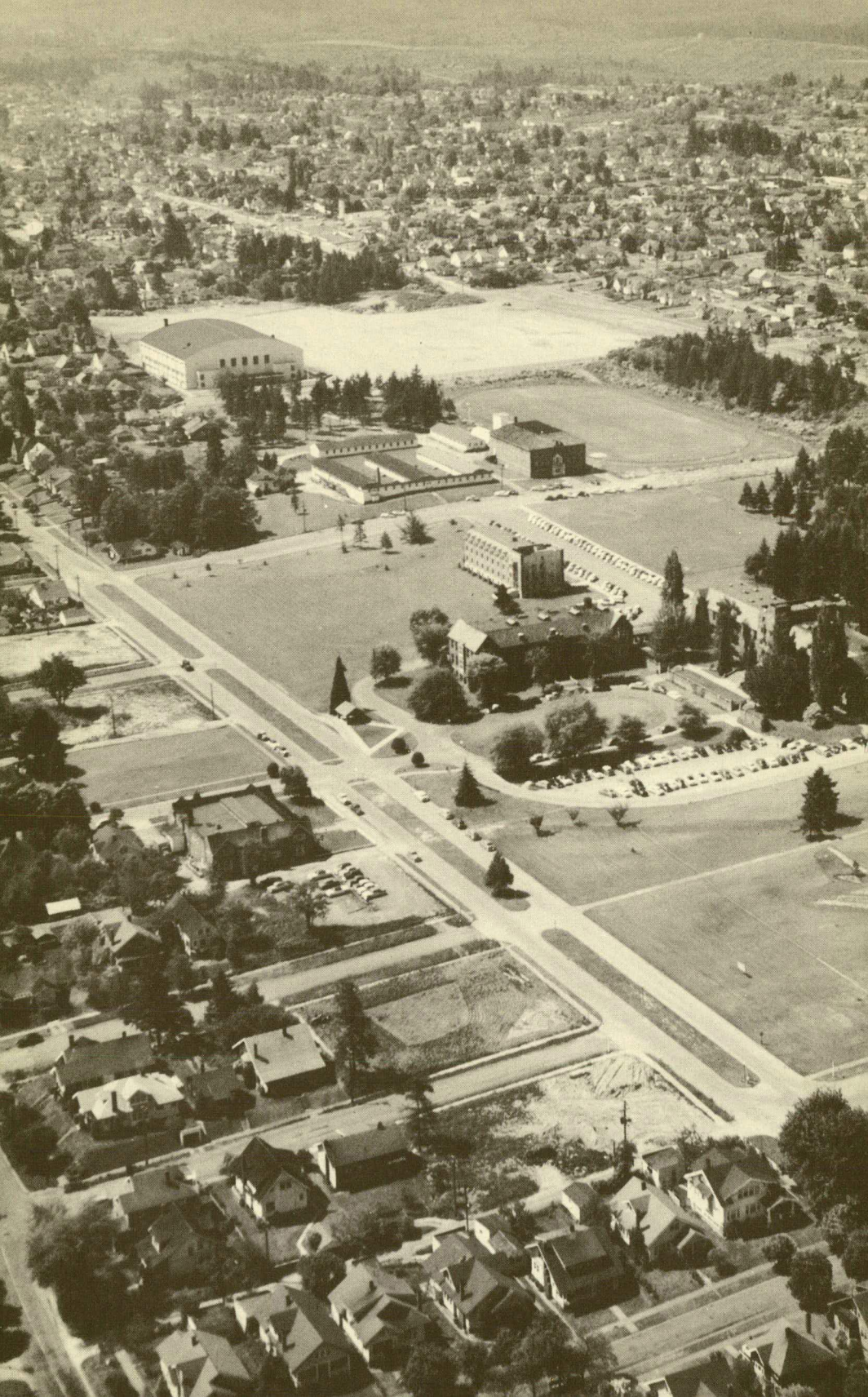
Students who are candidates for honors may be exempted from examinations in courses in the final semester of the senior year.



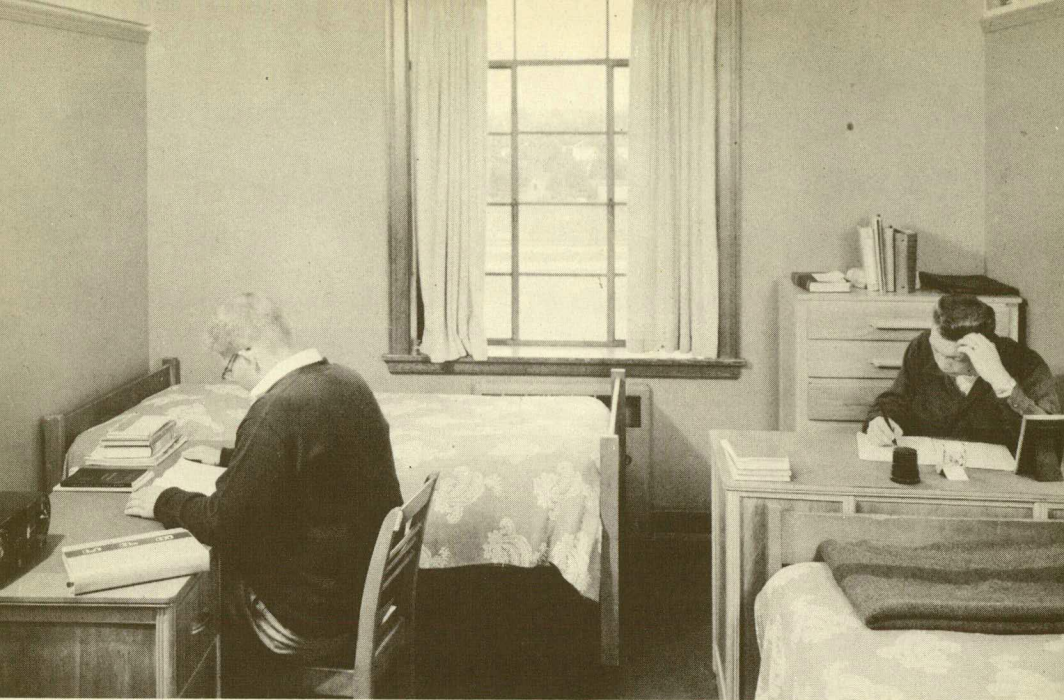
STUDENT UNION BUILDING



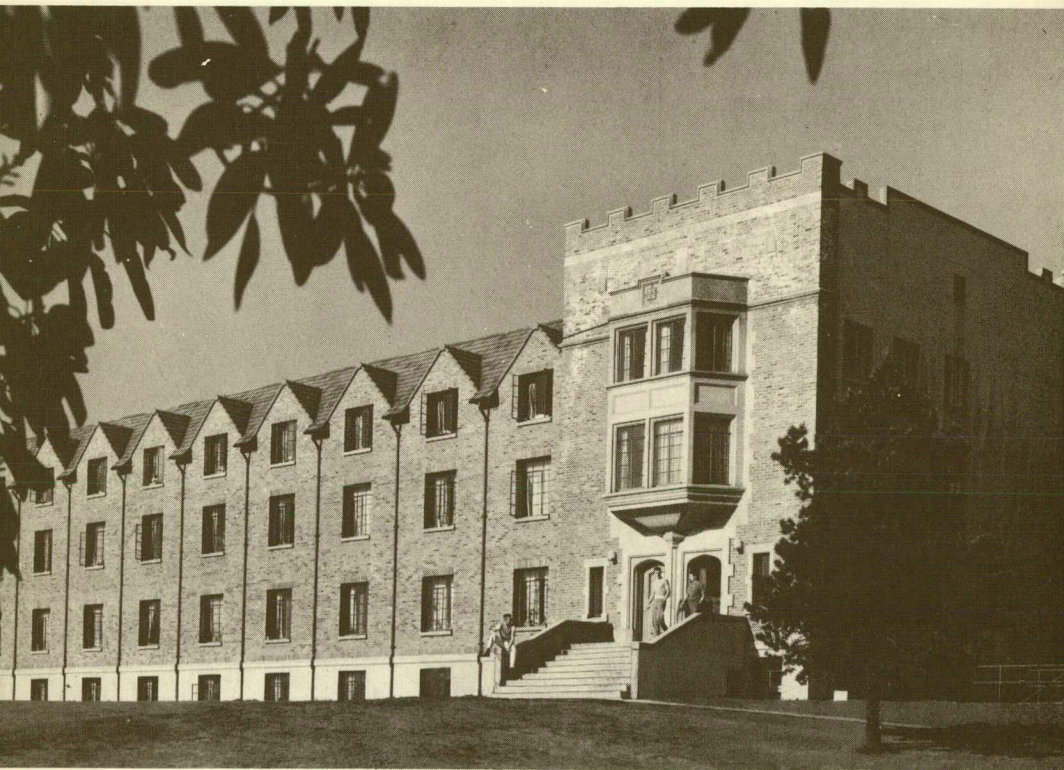
ANDERSON HALL







STUDENT ROOM



TODD HALL

REQUIREMENTS FOR UNDERGRADUATES

A. GENERAL REQUIREMENTS

1. Undergraduates working for degrees in any department of the College must take courses in each of the fields listed below, as specified in the accompanying statement.

a. English Composition, one year. Most students will take English 101, 102; but students who have had a grade-point average of not less than 3.0 in high school English and a score of not less than the 75th percentile in the English test given to entering freshmen will take English 105, 106.

b. Natural Science, a one-year laboratory course in a biological science and a one-year laboratory course in a physical science, except that, if a student has completed a unit of either type of science in high school, he may satisfy the requirement by a one-year course in the other type; and, if he has completed a unit in each, he may satisfy the requirement by one year of any laboratory science or of mathematics.

c. Social Studies, not less than nine semester hours from specified courses.*

d. Humanities, not less than nine semester hours which shall be from specified courses and shall include three semester hours in religion.*

2. Not later than the end of the sophomore year each student shall declare a field of specialization, or major subject, and shall secure approval of the choice from the head of the department in which the major falls. The major shall contain not less than twenty-four semester hours, with not less than twelve hours above sophomore level. Work of a D grade may not count in a major or in courses necessary to it. A comprehensive examination in the major subject shall be taken near the end of the senior year.

3. Each student shall also choose a second field of specialization, or minor subject, in which not less than fifteen semester hours shall be taken. The minor should broaden the student's study rather than intensify his specialization, and may not be in the same field as the major subject. The choice of the minor subject must be approved by

*The requirement in social studies may be met by choice from any courses in economics, history, or political science, or from Psychology 201, 381, and Sociology 201, 202, 211, 381, 431.

Selection to meet the humanities requirement may be from Art 107, 324, 325, 326, English literature, literature courses in the foreign languages, Music, 103, 104, 303, 304, philosophy, Religion 101, 201, 202, 361, 461, 482.

UNDERGRADUATE REQUIREMENTS

the head of the department in which the major falls. Work of a D grade may not count as part of the minor.

4. A total of not less than one hundred and twenty academic semester hours, of which not less than forty are above the sophomore level, plus credits for five semesters in physical education activities, must be completed.

B. SPECIAL REQUIREMENTS FOR:

1. The degrees Bachelor of Arts and Bachelor of Science:

a. Candidates for the Bachelor of Arts or Bachelor of Science degree must choose a major in a department in Arts and Sciences: for the A.B., art, economics, English composition, English literature, French, German, history, mathematics, music, philosophy, political science, psychology, religion, sociology, Spanish, speech and dramatics, or one of the sciences; for the B.S., biology, chemistry, geology, mathematics, or physics.

b. Candidates for these degrees must complete two college years, or the equivalent, in one foreign language. Students with one year of a foreign language in high school may enter the second semester of the elementary course, with two years the first semester of the intermediate course.

c. Candidates for the B.S. degree must complete the following courses: Chemistry 101, 102, Mathematics 101, 102, and Physics 201, 202 (except for majors in biology who have had a year's course in physics in high school or an equivalent). The foreign language chosen for the B.S. degree must be French or German, except that students who major in Geology may substitute Spanish.

2. Special degrees in Arts and Sciences:

Students who select majors in business administration, education, home economics, occupational therapy, physical education, or religious education will be candidates for special degrees in arts and sciences. These include B.A. in Business Administration, B.A. in Education, B.A. in Home Economics, B.S. in Home Economics, B.S. in Occupational Therapy, and B.A. in Physical Education. In geology a program without foreign language and with modification of the requirement for the B.S. may be followed for a degree of Bachelor of Science in Geology.

3. The degree Bachelor of Music:

Candidates for this degree should consult course offerings and requirements listed by the department of music.

C. MINIMUM RESIDENCE AND CREDITS

To be recommended for graduation from any curriculum, a student must have been in attendance at least two semesters, one semester and two summer sessions, or three summer sessions, and present a minimum of thirty semester hours, six of which must be in the major, earned in the College of Puget Sound.

In the case of students who spend only one year in residence, this must be the senior year; in all other cases, except as hereinafter provided, without regard to the amount of previous residence, the last fifteen semester-hours must be completed in residence.

Students of the College who transfer to an accredited professional school after having completed ninety semester-hours, which must include the specific requirements, in the College of Puget Sound, may apply for a degree upon completion of work in the professional school equivalent to the additional thirty hours required in this college. An application for a degree under these conditions must be made at the beginning of the student's junior year and be accompanied by a statement of his proposed plan of study in both institutions.

D. MILITARY TRAINING REQUIREMENTS

(Department of Air Science)

1. Subject to the exceptions stated herein, every *entering freshman male student* will be required to complete successfully four semesters of military training.

2. Subject to the exceptions stated herein, every *male student who enters the College with advanced standing* shall successfully meet the military training requirements in each semester prior to achieving junior standing.

3. Exemptions from the military requirement will be granted to students in the classifications listed below:

- a. Persons who are twenty-three years of age or over at the time of original entry into the College.
- b. Students who enter as juniors, seniors, or graduate students.
- c. Students registered for nine credit hours or less exclusive of AF ROTC.
- d. Students who are not citizens of the United States.
- e. Students who are members on active duty of the Armed Forces or Coast Guard of the United States, or commissioned officers of the National Guard, or reserve officers of the Armed Forces or Coast Guard of the United States.

ROTC REQUIREMENTS

- f. Students who claim college credit for military training elsewhere. Such students shall make their claims upon registration; all credits allowed shall be recorded by the Registrar, and the evidence shall be filed in the student's permanent record file in the Registrar's Office.
 - g. Students with previous military service. Exemption from one year of military training shall be granted to honorably-discharged men who have served not less than six months, but who have served less than one year of active duty in the Armed Forces or Coast Guard. Complete exemption from military training shall be granted:
 - (1) To honorably-discharged men who have served one year or more of active duty in the Armed Forces or Coast Guard, and
 - (2) To those who hold a Certificate of Disability Discharge. The Registrar shall process exemptions specified in this paragraph.
 - h. Students who, because of physical condition, are exempted by the college physician.
 - i. Students who seek exemptions on grounds other than those specified above, will petition for exemption to the Dean of the College.
4. Male students requesting exemptions other than those listed under paragraphs (a) to (e), inclusive, of Rule 3 shall register for the proper course and shall attend classes until their requests for exemption have been granted.
5. The military training requirement shall normally be satisfied during the first four semesters of residence. Deferment of the requirement shall become effective only upon recommendation of the Dean of the College. Deferment of the military training requirement shall not be construed as exemption.
6. Students exempted from any of the military training requirements shall be required to earn equivalent credit in other college courses. This shall be done according to the rules established by the College.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF EDUCATION

The degree of Bachelor of Education will be granted under certain conditions to students who have a previous bachelor's degree and who have completed the additional requirements specified by the State Board of Education for certificate to teach in the public schools. The requirements are listed in further detail under the head of the Department of Education.

REQUIREMENTS FOR THE MASTER'S DEGREES

The master's degree is granted only after a full year or more of residence work following receipt of a bachelor's degree, and upon the completion of an approved program of study, including, except in the case of the Master of Education, the preparation of a thesis.

Candidates are accepted only in departments which provide the conditions of sufficient advanced courses, instruction from more than one faculty member, supervision by a staff member with a doctor's degree, and adequate research facilities and materials.

Candidates for the master's degree in the Department of Education may elect either to take the degree Master of Arts in Education, according to the requirements for that degree, or to take the degree of Master of Education. (Statement of requirements for the Master of Education degree is given under the Department of Education.) Students who meet the general requirements for the master's degree in the department of Business Administration will receive the degree of Master of Business Administration.

The minimum requirement is thirty semester hours of A or B grade. Four to six of the required number of hours may be allowed for the thesis; the remainder must be in approved upper-level courses. Requirements beyond this limit may be made at the time of admission to study or to candidacy when the character of the undergraduate preparation and the nature of the graduate study make them advisable. The degree is not earned by accumulation of credits but by evidence of familiarity with one of the special fields of knowledge.

A total of forty-four hours of combined undergraduate and graduate credit in the field of major interest is considered a minimum amount of credit in the major subject, and in all cases at least twenty semester hours of graduate credit must be in the major field. Where it is possible under these conditions, subject to approval by the committee, a minor may be taken in a subject related to the major interest. A graduate minor must include not less than twenty-four hours of combined undergraduate and graduate credit.

Credit may be given, at the discretion of the committee, for graduate work in other institutions having similar standards for such work, but such credit may not exceed one-third of the total amount required.

Study for the master's degree is under supervision of the chairman of the Graduate Committee. All graduate students who wish to become candidates for the degree must submit application and record to the chairman. A student will be approved to work for the degree only on the basis of an excellent record and of conference with the chairman. A student who has been admitted to study for an advanced

GRADUATE REQUIREMENTS

degree, but who has not enrolled in any course or had any active relations with the committee during a period of a year will be dropped, and will have his previous work re-evaluated in case of subsequent re-admission to work for a degree.

The major instructor will serve with the chairman for consideration of matters pertaining to the student's work. A general program of study, arrived at in consultation with the major professor, must be filed with the chairman not later than the end of the second week of attendance at classes. Changes in this program are to be made only on approval of the major professor and the chairman of the committee. The student's class schedule should in every instance be approved by both the major professor and the chairman of the committee.

A general outline and bibliography of the thesis must be presented to the chairman before November 15 of the academic year in which the student expects to receive the degree when the student is enrolled in the regular session or not later than completion of one-fourth of the necessary credits when the work is being done in summer or evening sessions. By March 31 of the year in which a student expects to receive the degree, when the student is enrolled in the regular sessions, and in other cases not later than three months before the Commencement at which the student expects to receive the degree, two copies of the thesis are to be filed with the chairman, who will forward them to the appointed readers. A copy of the thesis, in approved form, is to be filed on or before May 1 of the regular school year, or in any case not later than four weeks before the Commencement at which the student expects to receive the degree.

Not later than three weeks before Commencement the candidate must pass both written and oral examinations in the fields of his major and minor studies and on his thesis. These examinations are administered by the major departments, and by the chairman of the graduate division, respectively. Students who wish to receive a degree must make written application for this examination at least one month before the degree is to be awarded.

EXPENSES AND FEES

Tuition and other college fees are due and payable in full for a semester at the time of registration. Refunds of fees in case of withdrawal are allowed subject to the conditions and schedule published below.

On application prior to registration it is possible to arrange for deferred payment of a part of the college fees. The application should be made to the Bursar on a form which he will provide. In no case may a student be admitted to semester final examinations until all obligations to the college have been met in full previous to the date on which such examinations begin.

A degree, diploma, transcript of credits, or honorable dismissal will not be granted while a student is in default on bills incurred as a student at the College.

ESTIMATED EXPENSES

Students contemplating a college course may form some conception of their total yearly expenses at the College of Puget Sound by the following itemized estimate of expenses:

	Per Semester
Food (includes Sunday)	\$200.00
Room	75.00
Tuition Fees	200.00
Associated Student Fees	12.50
Books	20.00
	<hr/>
	\$507.50

Estimated expenditure is \$1,015.00 per academic year of nine months. These totals do not include clothing, travel, or expenses for the summer vacation. The tuition fees will amount to somewhat more than the sum specified, if the student elects courses for which special fees are charged. General expenses will, of course, vary with the tastes and habits of different students.

SCHEDULE OF FEES

TUITION AND INCIDENTAL FEES PER SEMESTER

Full-time enrollment, 12 to 16 hours	\$200.00
Per semester-hour, under twelve or over sixteen, in regular session	17.00
Audit of day class instruction, per hour	8.50
Evening Classes, per semester-hour	15.00

SUNDRY FEES

*Application for admission	\$10.00
**For Associated Student Activities, per semester.....	12.50
**For Student Accident Insurance	1.50
For Clinical Training, required of Occupational Therapy students for four semesters, per semester.....	25.00
For deferred payment (required on accounts which are paid after 30 days)	5.00
For late registration	3.00
For change of registration	1.00
For diploma	7.50
For certificate for occupational therapy majors.....	3.50
For Graduate Record Examination	5.00
For special examination	1.00
For vocational counsel and testing (subject to change).....	25.00
For general aptitude tests	10.00
For single aptitude test	5.00
For first additional transcript	1.00
For more than one copy of transcript, each copy.....	.25
For typing class, per semester	10.00
R.O.T.C. Uniform deposit, from which \$2.00 will be retained at the end of the year for cleaning.....	25.00
Student Teachers' Service Fee (required of students taking Education 402)	12.00
Breakage ticket for each chemistry student	5.00
Materials ticket for Occupational Therapy, Ceramics, Sculpture, Jewelry, Puppetry, and Textile Courses	5.00
Materials ticket for Art Courses 238, 339, 461, 477, 478, 482	5.00
For Home Economics 101 and 102	3.00
Special Fees for off-campus Physical Education activities:	
Bowling, per semester	8.00
Golf, per semester	8.00
Riding, per semester	20.00
Skating, per semester	10.00
Skiing, P.E. 168, per semester	15.00
Swimming, per semester	8.00

*This fee will be applied to tuition, but is not otherwise refunded.

**Required of each student taking 8 hours or more.

MUSIC

Rates for private lessons of one-half hour.

Regular Course Students:

Voice & all instruments, per lesson \$2.25 per semester \$36.00

Special Students:

Voice & all instruments, per lesson \$2.75 per semester \$44.00

Practice Fees:

Three-manual organ in Jones Hall, 5 periods a week,
per semester\$20.00

Two-manual practice organ, chapel, 5 periods a week,
per semester 8.00

Two-manual practice organ in Music Building, 5
periods a week, per semester 8.00

A combination of 4 periods on the practice organs per
week and one period on the auditorium organ per
week is available, per semester 10.00

Practice rooms for 2 to 4 hrs. per week, per semester 2.50

Practice rooms for 5 to 9 hrs. per week, per semester 5.00

Practice rooms for 10 to 12 or more hours per week,
per semester 7.00

RATES FOR RESIDENCE HALLS

Board, per semester (6 days, excluding Sundays,
includes tax)\$154.50
(Subject to change, if found necessary)

Room, single room, per semester 90.00

*Double room, per semester 75.00

Dormitory in basement of Todd Hall, per semester 65.00

Deposit on key to room (refundable) 1.00

Todd Hall Fund (required of students living in
Todd Hall, per semester) 1.00

Dormitory Damage Deposit and Conduct Bond (refundable)..... 10.00

An advance payment of \$25.00 is required with application for a room in the Residence Halls. This deposit will not be refunded for cancellations later than July 31.

All Residence Halls will be closed to students, without exceptions, during the Thanksgiving, Christmas, and Spring vacations.

*Variations from this charge depend on type of room, and number of students housed in it.

FEES

FEES FOR MASTER'S DEGREES

In addition to the regular college fees, graduate students will pay the fees from the following list applicable to their requirements:

Graduate fee at \$1.00 per hour	\$30.00 to \$36.00
Final Examination fee	10.00
Binding Thesis fee	5.00
Diploma fee	7.50

Candidates for the master's degree are required to register each semester until the degree is granted. This need not be for any additional credit-hours, if residence requirements have been met and thesis hours have been previously registered; and in these cases no fee is charged for the registration.

REFUNDS

Fees are not returnable except when withdrawal from the College is caused by sickness or causes entirely beyond the control of the student. In no case will the Associated Student fee be refunded. No refund on board charges will be made except for four or more consecutive days of absence, and only when advance notice was given when such absence was voluntary.

Refunds of total tuition fees shall be in the following proportions, based upon the period of the student's actual attendance from the date of enrollment:

Withdrawal before the end of the first week.....	80%
Withdrawal before the end of the second week.....	80%
Withdrawal before the end of the third week.....	60%
Withdrawal before the end of the fourth week.....	40%
Withdrawal before the end of the fifth week.....	20%

After the fifth week no refund will be allowed.

- GENERAL PROVISIONS
- DEPARTMENTS
- CAREER PROGRAMS

Courses of Instruction

Courses of Instruction

GENERAL PROVISIONS

Courses in the different subjects of instruction are described in the following pages. Subjects are listed in alphabetical order.

The College reserves the right to withdraw any course when the enrollment does not justify its continuation. In general, classes will not be held for less than ten students. This minimum may not be insisted upon in the case of advanced courses which are indispensable for the completion of a program of study; but an enrollment of more than ten may be required for a class in a course which is frequently given or of which there are other sections.

Numbers in the 100's, 200's, 300's and 400's are used respectively to indicate courses that are considered to be first, second, third or fourth year courses, although students' programs are not limited to courses at one of these levels. It is a general principle that courses numbered 300 and above are not open to freshmen or sophomores, or to upper-classmen who have not had some basic courses in the particular department. Courses numbered 500 or above are primarily graduate courses, but are open to some qualified undergraduates. Courses numbered 300 or above may be used, with approval of proper advisers, in graduate programs.

The numbers 100 to 109, 200 to 209, 300 to 309 and 400 to 409 are used to indicate basic courses on the different levels in any department, and when a department has courses with these numbers the course, or one of the courses, in that group is prerequisite to courses on the next-higher level.

Odd numbers indicate courses that are given in the first semester; even numbers, ones given in the second semester. Some courses listed as first, or second, semester are repeated in the other semester's schedule.

Consecutive numbers separated by a comma (as 201, 202) indicate a course which continues through the year.

The hours at which courses will be given will be announced in a time schedule issued before the beginning of each session.

Courses which might properly be classed in either of two departments are described in one, but usually listed also in the other. Such courses may be counted toward a major or minor in the second department by approval of the ranking faculty member in that department.

AIR SCIENCE

(Air Force ROTC)

Major OWEN, Major HAEK, Captain PACK, 1st Lt. WHITAKER; Master Sergeants DAWKINS, DIOSDADO, WILSON; Technical Sergeant HUMFLEET

The Department of Air Science at the College of Puget Sound was authorized and officially organized on July 1, 1951. Its purpose is to select and train young college men as future leaders in the United States Air Force.

The curriculum offered by this department is divided into two phases: basic and advanced courses. The Basic Course consists of formal instruction for three hours per week for two academic years. Participation in this course is required of all qualified male students (See section on Military Training under Graduation Requirements).

The Advanced Course consists of formal instruction for five hours per week for two academic years, plus a summer camp of six weeks' duration which is normally attended between the junior and senior years.

Students for the Advanced Course are chosen from among the highest-qualified students who have successfully completed the Basic Course or who have equivalent military training or service.

Each student accepted into the Advanced Course must:

1. Appear before a military board of officers, and successfully complete such general survey and screening tests as may be prescribed.
2. Execute a written agreement with the United States Air Force to complete the Advanced Course, contingent upon remaining in the College, and to attend the Advanced Course Summer Camp at the time specified.
3. Have a graduation date earlier than his twenty-eighth birthday.
4. Be selected by the Professor of Air Science and the College President for enrollment in the Advanced Course.

The student is paid a monetary allowance during the two academic years of the Advanced Course. While attending the summer camp each student also receives pay, subsistence, housing, uniforms, and medical attention at government expense. For veterans these emoluments are in addition to benefits received through the G.I. Bill of Rights.

Upon graduation from the Advanced Course and the College, the student receives a commission as a Second Lieutenant in the United States Air Force Reserve.

All Air Force ROTC students, in both Basic and Advanced courses, are furnished complete officer-type Air Force blue uniforms. Each student is required to make a \$25.00 uniform deposit to the Bursar at

AIR SCIENCE

registration. From this deposit \$2.00 is retained for cleaning the uniform at the end of the year, and the balance is refunded to the student upon return of the uniform and equipment to the College.

The Department of Air Science furnishes all necessary textbooks for classroom use.

Students in the Air Force ROTC program may be deferred from Selective Service draft within the yearly quotas allocated to the Department of Air Science at the College.

BASIC COURSE: AIR-AGE CITIZENSHIP EDUCATION FIRST YEAR

THE AIRPLANE AND THE AIR-AGE—Air Science 101, 102.
*Credit, 2 semester hours each semester.**

Introduction to AFROTC and aviation; fundamentals of global geography, international tensions and security-organizations; leadership-training.

SECOND YEAR

ELEMENTS AND POTENTIALS OF AIR-POWER—Air Science 201, 202.
*Credit, 2 semester hours each semester.**

Elements of aerial warfare, including targets, weapons, aircraft, bases, operations; careers in the USAF; leadership-training.

ADVANCED COURSE: AIR FORCE OFFICER DEVELOPMENT THIRD YEAR

THE AIR FORCE OFFICER IN THE AIR-AGE—Air Science 301, 302.
Credit, 3 semester hours each semester.

Introduction to advanced AFROTC; Air Force Commander and his staff; creative problem-solving; communicating in the Air Force; instructing in the Air Force; military-justice system; air navigation; weather; Air Force Base functions; and leadership-training.

SUMMER CAMP—Air Science 330.
Credit, 3 semester hours.

Six weeks training at an Air Force Base, to include officer-orientation, military fundamentals, organization and functions of Air Force bases, weapons, marksmanship, and aircraft indoctrination.

FOURTH YEAR

LEADERSHIP AND AIR POWER CONCEPTS—Air Science 401, 402.
Credit, 3 semester hours each semester.

Leadership-management seminar; military aviation and the evolution of warfare; military aspects of world political geography; career guidance: briefing for commissioned service; and leadership-training.

*One of each two credit hours in the Basic Course is counted as a physical-education-activity credit.

ART

Professors WENTWORTH, HAINES, CHUBB

The following courses are minimum requirements for a Bachelor of Arts degree with a major in art: Courses 103, 104, 107, 109, 110, 253, 254, 265, 498 and 3 hours from Courses 324, 325, 326, plus an additional 8 hours to be selected from upper-level courses in art.

For a general minor in art the following courses are required: Courses 103, 104, 107, 109, 253, 265.

Majors in occupational therapy may fulfill a minor in art with the following courses: Courses 103, 104, 107, 247, 265, 339.

The Art Department reserves the right to retain student work for a period of one year to be used for exhibit purposes.

During the senior year each art major will prepare and present a representative exhibition of his work under the direction of the art faculty. See Course 498.

ART STRUCTURE—Art 101.

Credit, 3 semester hours.

An approach to basic design and drawing in two and three dimensional problems, stressing principles of composition, color, and perspective. Course 101 is not counted in the hours for an art major or minor.

CREATIVE DESIGN—Art 103, 104.

Credit, 3 semester hours each semester. Prerequisite, Course 101, or one year of high school art.

Advanced projects in color, composition, lettering, poster and applied design, with experience in a variety of techniques.

UNDERSTANDING THE ARTS—Art 107.

Credit, 3 semester hours. Offered each semester.

A course designed to bring an increased enjoyment and understanding of the arts of today through lectures, slides, field trips, films, and discussions. Contemporary trends in painting, architecture, and sculpture will be stressed, with an attempt being made to answer the most commonly asked questions of "what" and why."

SKETCHING AND DRAWING—Art 109, 110.

Credit, 2 semester hours each semester. Prerequisite, Course 101, or one year of high school art.

ART METALWORK—Art 238.

Credit, 1 semester hour. Prerequisite, Course 104.

ART

BEGINNING CERAMICS—Art 247, 248.

Credit, 3 semester hours each semester. Prerequisite, Course 104. Course 247, prerequisite for Course 248.

Fundamentals of ceramic design. Processes of pottery-making using coil, slab, and reproduction by slip and press methods.

BEGINNING PAINTING, OIL—Art 253.

Credit, 3 semester hours each semester. Prerequisite, Courses 104 and 109.

BEGINNING PAINTING, WATER COLOR—Art 254.

Credit, 3 semester hours. Prerequisite, Courses 104 and 109.

BEGINNING SCULPTURE—Art 265, 266.

Credit, 3 semester hours each semester. Course 265 prerequisite for Course 266.

Fundamentals of sculptural composition and design. Study of form in wood, clay, plaster and wire.

THE BEGINNING OF ART—Art 324.

Credit, 3 semester hours.

Includes prehistoric and ancient art of Europe and the Near East, classic art, Pre-Columbian arts of the Americas, and primitive arts of today.

MEDIEVAL AND ORIENTAL ART—Art 325.

Credit, 3 semester hours.

Covers Early Christian, Byzantine, Mohammedan, Persian, Romanesque, four Gothic arts in the West and Near East, and the Oriental arts of India, China and Japan.

ARTS OF THE RENAISSANCE AND POST-RENAISSANCE PERIODS—Art 326.

Credit, 3 semester hours.

Traces the development of painting, sculpture, architecture, and the minor arts in the Western World from the 15th century through the 19th century.

JEWELRY—Art 339.

Credit, 2 semester hours. Prerequisite, Course 104.

Design and construction of modern jewelry.

ADVANCED CERAMICS—Art 347, 348.

Credit, 3 semester hours each semester. Prerequisite, Course 248. Course 347, prerequisite for Course 348.

Theory and experimentation in clay bodies and clays, advanced decorative techniques, and throwing.

ADVANCED PAINTING—Art 353, 354.

Credit, 3 semester hours. Prerequisite, Courses 110, 253 and 254.

ADVANCED SCULPTURE—Art 365, 366.

Credit, 3 semester hours each semester. Prerequisite, Course 266. Course 365, prerequisite for Course 366.

Advanced creative composition and theory. Study from life. Work in clay, plaster, wood, stone, metal. Advanced techniques.

ESSENTIALS OF INTERIOR DESIGN—Art 411.

Credit, 3 semester hours.

General survey of the subject, including the relation of the house to the occupant; interior architecture, backgrounds, furniture arrangements, color, etc.

INTERIOR DESIGN (ADVANCED)—Art 414.

Credit, 3 semester hours. Prerequisite, Courses 254 and 411.

Application of principles of interior design in planning a practical contemporary home. Techniques in layout and rendering as essential in the field of interior decoration.

ART IN THE PUBLIC SCHOOLS—Art 461.

Credit, 2 semester hours. Prerequisite, Courses 101 or 103. Course 107 is recommended.

Problems and techniques of teaching art in the public schools.

TEXTILE DESIGN—Art 477, 478.

Credit, 3 semester hours each semester. Prerequisite, Courses 104 and 109.

Application of creative designs to fabrics through processes of batik, tie-dye, stenciling, block printing and silkscreening.

GRAPHIC ARTS—Art 482.

Credit, 3 semester hours. Prerequisite, Courses 104 and 110.

Print making including the processes of serigraphy, block printing, etching, and lithography.

SEMINAR—Art 493, 494.

Credit and time to be arranged. Open to advanced students.

Special study in selected fields.

INDEPENDENT STUDY—Art 498.

Credit, 1 semester hour.

Creative work in major field.

ASTRONOMY

Professor SEWARD

ASTRONOMY AND RELATED SCIENCES—Astronomy 101, 102.

Credit, 4 semester hours each semester. Given according to demand.*

An elementary course designed to give the student a conception of the solar system and the stellar universe together with an appreciation of the basic scientific principles involved in securing the information.

*Students who have had one year of college physics may take this course for 3 semester hours' credit each semester without laboratory.

BIOLOGY

Professors ALCORN, VAN GILDER; Mr. WALKER

Courses suggested in a major are:

101, 102, 221 and 222 or 231 and 232, 356, 371 or 375, 491, 492.

Suggested minors are:

1. For students majoring in home economics: Courses 101, 102 and at least 9 hours from 105, 221, 222, 242, 246, 252.
2. For students majoring in botany: Courses 115, 116, 246, 252, 301.
3. For students majoring in physical education: Courses 101, 102, 105, 221, 222, 242.
4. For students majoring in sociology: Courses 101, 102, 242, 301.

GENERAL BIOLOGY—Biology 101, 102.

Credit, 3 semester hours each semester.

This course is devoted to the study of the general laws of life, the fundamental relationships of living things, and those general biological problems which are related to human culture and progress.

HYGIENE—Biology 105.

Credit, 2 semester hours.

A study of the laws of health, designed particularly for students of biology and those who intend to enter nursing or medicine or to teach health or physical education.

GENERAL ELEMENTARY BOTANY—Biology 115.

Credit, 3 semester hours.

THE LIFE HISTORIES OF SELECTED TYPES OF PLANTS—Biology 116.

Credit, 3 semester hours.

A general survey of the plant kingdom.

ANATOMY AND PHYSIOLOGY (Nurses Training Course)—Biology 121.

Credit, 6 semester hours.

MICROBIOLOGY—Biology 142.

Credit, 4 semester hours.

A course in bacteriology planned particularly for students preparing to be nurses.

ANATOMY—Biology 221.

Credit, 3 semester hours. Prerequisite, Courses 101, 102.

Human anatomy.

PHYSIOLOGY—Biology 222.

Credit, 3 semester hours. Prerequisite, Course 221.

Animal and human physiology.

COMPARATIVE ANATOMY OF VERTEBRATES—Biology 231, 232.

Credit, 3 semester hours each semester. Prerequisite, Course 102.

SANITATION—Biology 242.

Credit, 3 semester hours. Given as there is demand.

BACTERIOLOGY—Biology 246.

Credit, 4 semester hours. Prerequisite, Course 102 or 116.

ECOLOGY, SYSTEMATIC BOTANY, PLANT GEOGRAPHY—Biology 252.

Credit, 3 semester hours.

BIOLOGY OF BIRDS—Biology 256.

Credit, 3 semester hours. Given as there is demand.

GENETICS—Biology 301.

Credit, 3 semester hours.

FIELD BIOLOGY—Biology 352.

Credit, 3 semester hours.

NATURAL HISTORY OF INVERTEBRATES—Biology 356.

Credit, 3 semester hours.

MUSEUM TECHNIQUE IN BIOLOGY—Biology 361.

Credit, 2 semester hours. Given as there is demand.

Preparation and care of museum material.

HISTOLOGY AND MICROSCOPIC TECHNIQUE—Biology 371.

Credit, 4 semester hours. Offered in alternate years. Given in 1955-56.

Microscopic structure of tissues of animals, chiefly mammals.

EMBRYOLOGY OF VERTEBRATES—Biology 375.

Credit, 4 semester hours. Offered in alternate years. Given in 1956-57.

THE TEACHING OF BIOLOGY—Biology 459.

Credit, 2 semester hours. Prerequisite, Education 401; see Education 459.

A course for those expecting to teach biology. Methods of presenting subject; laboratory organization and management; methods of collecting, preserving and preparing materials.

SEMINAR—BIOLOGY 491, 492.

Credit, 3 semester hours each semester.

RESEARCH—Biology 497, 498.

Credits and hours to be arranged.

THESIS—Biology 597, 598.

Credit, 4 to 6 semester hours.

BUSINESS ADMINISTRATION

Professors BATTIN, CAPEN, JAMIESON, BERTRAM; MRS. GROSS,
Mrs. LEVY, Messrs. MURLAND, GUILFORD, GRAHAM

Courses for majors in business administration are designed to acquaint students with the principles of organization and management fundamental in the administration of any enterprise.

Economics 101 and 102 are prerequisites to all courses in business administration other than Business Administration 103, 110, 121, 122, 125 and 126, except by permission of the Head of the Department.

A major in business administration, to qualify for the degree of Bachelor of Arts in Business Administration, should include Courses 103, 110 or 116, 201, 202, 205, 206, 301, and fifteen additional upper-level hours. Courses 361 and 411 are recommended. Credit for Economics 101, 102 and 411, and Speech 141 or an approved equivalent, should also be presented for graduation.

A minor in business administration should include Business Administration 103 or 110, 201, 205, 301, and three additional hours. Economics 101 and 102 must also be taken.

Students who minor in business administration with emphasis upon merchandising may satisfy requirements by taking Economics 101 and Business Administration 110, 201, 205, 325, 326, 327 or 328.

I. COMMERCIAL TEACHER TRAINING

This curriculum is designed to qualify students as teachers of commercial subjects in either junior or senior high schools. In addition to the courses in Education required to qualify for the state teachers' certificate, credit for the following courses in business administration or their equivalent should be presented: Economics 101, 102, Business Administration 103, 121, 122, 125, 126, 201, 202, 205, 314, 325 or 331, Economics 411 and Education 459.

II. IN-SERVICE TRAINING IN RETAILING

This curriculum is designed to meet the needs of two groups of students: one, those who plan to make retailing a profession; and, two, those who plan to qualify as teachers of distributive education in high schools under provisions of the George Dean Act. Both groups are advised to major in business administration and minor in either art or home economics (textile), or both.

Students who take in-service training in retailing may satisfy requirements for a major in business administration by taking Economics 101, 102, Business Administration 110, 201, 205, 301, 314, 323, 325, 326, 327, 328, 331, and Economics 411.

III. BUSINESS ADMINISTRATION

This curriculum is designed to meet the needs of those who want to gain a comprehensive picture of our economy at work, as well as those who plan to qualify for careers in some phase of industry or commerce.

Students who complete the available courses in accounting together with related courses should be qualified to assume any accounting position in ordinary business enterprises. Superior students who plan to enter public accounting are advised to take the regular State C.P.A. examinations upon completion of the available courses in accounting.

ECONOMIC GEOGRAPHY—Business Administration 103.

Credit, 3 semester hours.

Survey of world resources and the geographical factors affecting their production and distribution.

PRINCIPLES OF MARKETING—Business Administration 110.

Credit, 3 semester hours.

Methods used in marketing, principal types of goods, middlemen, price policies, marketing costs, government regulations.

MATHEMATICS OF FINANCE—Business Administration 116.

Credit, 3 semester hours.

The basic principles and techniques necessary for an understanding of mathematical problems commonly met in the fields of business and finance —e.g., in installment buying, short- and long-term loans, bonds and depreciation.

SHORTHAND (BEGINNING AND ADVANCED)

—Business Administration 121, 122.

Credit, 3 semester hours each semester; not counted in academic hours for degree requirements.

TYPING (BEGINNING AND ADVANCED)—Business Administration 125, 126.

Credit, 2 semester hours each semester; not counted in academic hours for degree requirements.

ACCOUNTING—Business Administration 201, 202.

Credit, 3 semester hours each semester. Course 201 or an equivalent is a prerequisite for Course 202.

The balance sheet approach is used with the result that students who have had bookkeeping in high school will have no advantage over students who have had no bookkeeping. Course 201 is concerned with the functions of accounts, balance sheets, profit and loss statements, books of original entry, business forms and papers. Course 202 deals with classification of accounts, partnership and corporation accounts, controlling accounts and subsidiary ledgers.

BUSINESS LAW—Business Administration 205, 206.

Credit, 3 semester hours each semester.

BUSINESS ADMINISTRATION

STATISTICS—Business Administration 301.

Credit, 3 semester hours.

A first course in statistics, providing instruction and training in mathematical methods of dealing with data in the fields of business and economics.

CORPORATION FINANCE—Business Administration 311.

Credit, 3 semester hours.

Manager's administration of finance; methods of raising fixed and working capital.

BUSINESS COMMUNICATION—Business Administration 314.

Credit, 3 semester hours. Offered in alternate years. Given in 1955-56.

Significance, form, and content of general and special correspondence such as inquiries, adjustments, collections, sales and special reports.

ADVERTISING—Business Administration 323, 324.

Credit, 3 semester hours.

Advertising appeals and their use; layouts, media, and agencies. Exercises are given to illustrate subject-matter.

PRINCIPLES OF RETAILING (IN-SERVICE TRAINING)

—Business Administration 325, 326.

Credit, 3 semester hours each semester. Prerequisite, consent of the instructor.

Two class sessions each week will yield 2 hours of credit. Laboratory, 1 hour credit, will involve: first, actual work of eight to twenty hours per week in local stores under supervision of the instructor; and, second, written reports and tests on the work-experience. Actual store-work will be paid for by the stores. Work-assignments will be made after consultation between the instructor, the student, and the store manager.

STORE ANALYSIS—Business Administration 327, 328.

Credit, 1 semester hour each semester.

This course represents a second year of actual work in retailing under supervision of the instructor. Class sessions will be held upon call of the instructor. Reports by the student, and by the store manager under whom the student works, will be required. Unsupervised work will not be accepted for credit.

PRINCIPLES OF SALESMANSHIP—Business Administration 331.

Credit, 3 semester hours.

LABOR LAW PROBLEMS—Business Administration 342.

See Economics 342.

REAL ESTATE PRINCIPLES—Business Administration 344.

Credit, 3 semester hours.

HUMAN RELATIONS IN INDUSTRY—Business Administration 351.

See Psychology 351.

ADVANCED ACCOUNTING—Business Administration 361, 362.

Credit, 3 semester hours each semester.

A study of the accounting and financial problems of the corporation. In the first semester, work is concentrated on problems that arise from construction and interpretation of the balance sheet; in the second semester, attention is directed to problems involved in analysis and interpretation of the profit and loss statements of a corporation.

ACCOUNTING THEORY—Business Administration 365.

Credit, 3 semester hours.

COST ACCOUNTING—Business Administration 366.

Credit, 3 semester hours.

Specific order, process and allied methods of cost accounting are studied. Attention is given to payroll, social security deduction and general tax accounting. Both theory and practice are stressed.

SOCIAL ETHICS—Business Administration 372.

See Philosophy 372.

OFFICE ORGANIZATION AND MANAGEMENT—Business Administration 401.

Credit, 3 semester hours. Offered in alternate years. Given in 1955-56.

INDUSTRIAL ORGANIZATION AND MANAGEMENT

—Business Administration 411.

Credit, 3 semester hours.

A study of principles of management essential to the administration of any industrial or manufacturing enterprise.

PROBLEMS OF AIR TRANSPORT AND UTILITY MANAGEMENT

—Business Administration 439.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

TAX ACCOUNTING—Business Administration 461.

Credit, 3 semester hours.

A study of federal taxes, of income tax as applied to individuals, partnerships, corporations and similar types of business organizations, of social security taxes and of estate and gift taxes.

MUNICIPAL ACCOUNTING—Business Administration 463.

Credit, 3 semester hours.

GOVERNMENT AND BUSINESS—Business Administration 478.

See Economics 478.

STATISTICAL ANALYSIS—Business Administration 482.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

Analysis of tests of significance, curve fitting, time series, sampling techniques, and index numbers.

CHEMISTRY

GRADUATE COURSES

Courses listed in this section are primarily for graduate students, although they may be elected by qualified under-graduates.

AUDITING—Business Administration 500.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

Analysis of balance sheets and profit and loss statements; audit procedures, and a study of the highest professional accounting opinions pertaining to accounting, business and financial policies of today.

BUSINESS CYCLE THEORY—Business Administration 501.

See Economics 501.

PERSONNEL MANAGEMENT—Business Administration 522.

Credit, 3 semester hours.

Problems of personnel administration, such as selection, placement, training, control and compensation of labor, will be studied.

CERTIFIED PUBLIC ACCOUNTANCY PROBLEMS

—Business Administration 525.

Credit, 3 semester hours.

SALES MANAGEMENT—Business Administration 527.

Credit, 3 semester hours.

Actual problems of retail, wholesale, and specialty selling with class practice in organizing the sales canvass. Problems of the sales manager in directing the selling and marketing activities of the individual concern.

READING AND CONFERENCE—Business Administration 591, 592.

Credit, 1 to 3 hours each semester.

Directed reading. Oral and written reports.

SEMINAR—Business Administration 593, 594.

Credit, 2 to 3 semester hours.

INDEPENDENT STUDY—Business Administration 595, 596.

Credit, 2 to 5 semester hours each semester.

THESIS—Business Administration 597, 598.

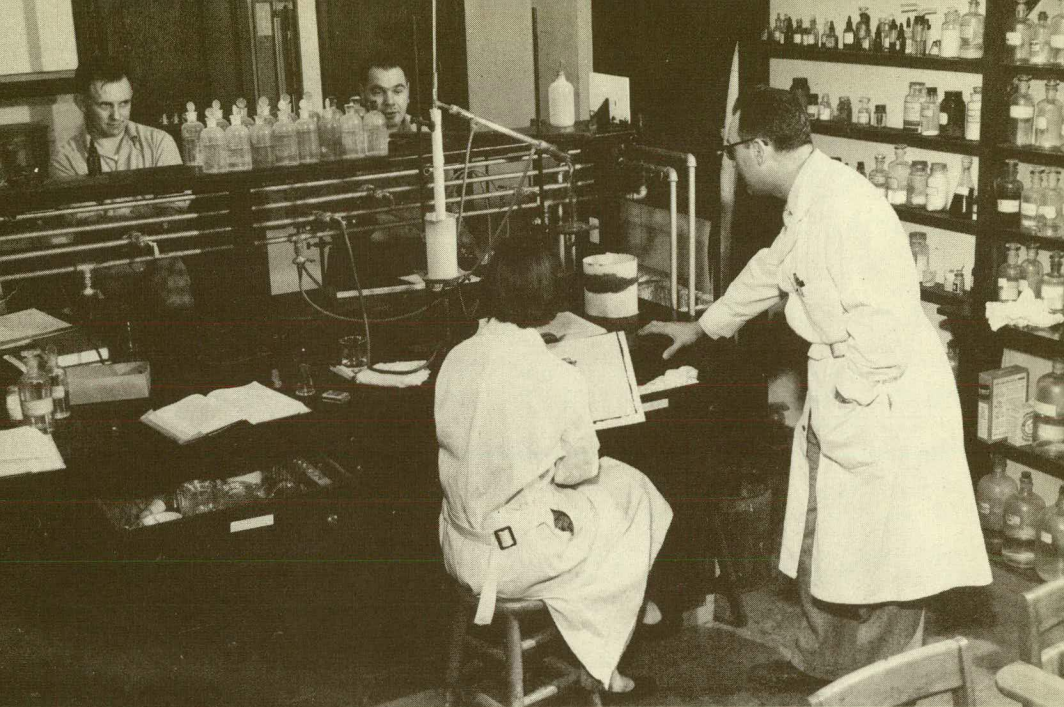
Credit, 4 to 6 semester hours in total.

CHEMISTRY

Professors FEHLANDT, CARRUTH, SPRENGER

A major in chemistry may be in either (1) the elective curriculum, or (2) the prescribed curriculum.

The elective curriculum is designed for students who want a general course in chemistry, leading to the degree of Bachelor of Science. This might be as a part of a broad general education, in

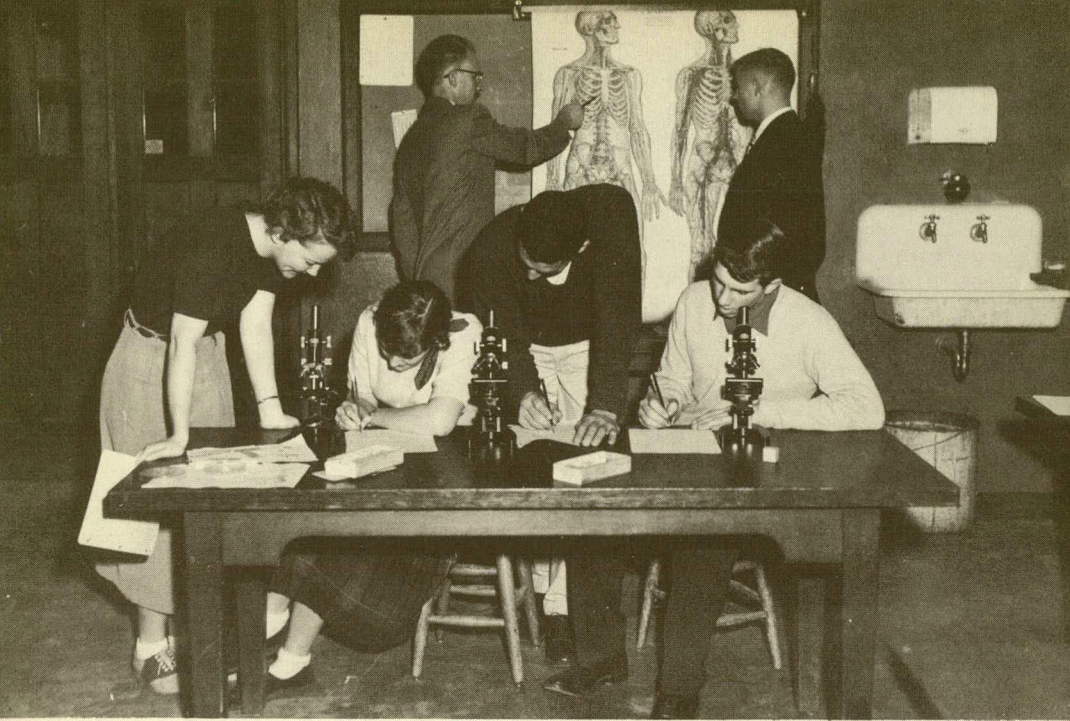


Chemistry

LABORATORIES

Home Economics





THE SCIENCE OF BIOLOGY

and
AN APPLICATION IN OCCUPATIONAL THERAPY





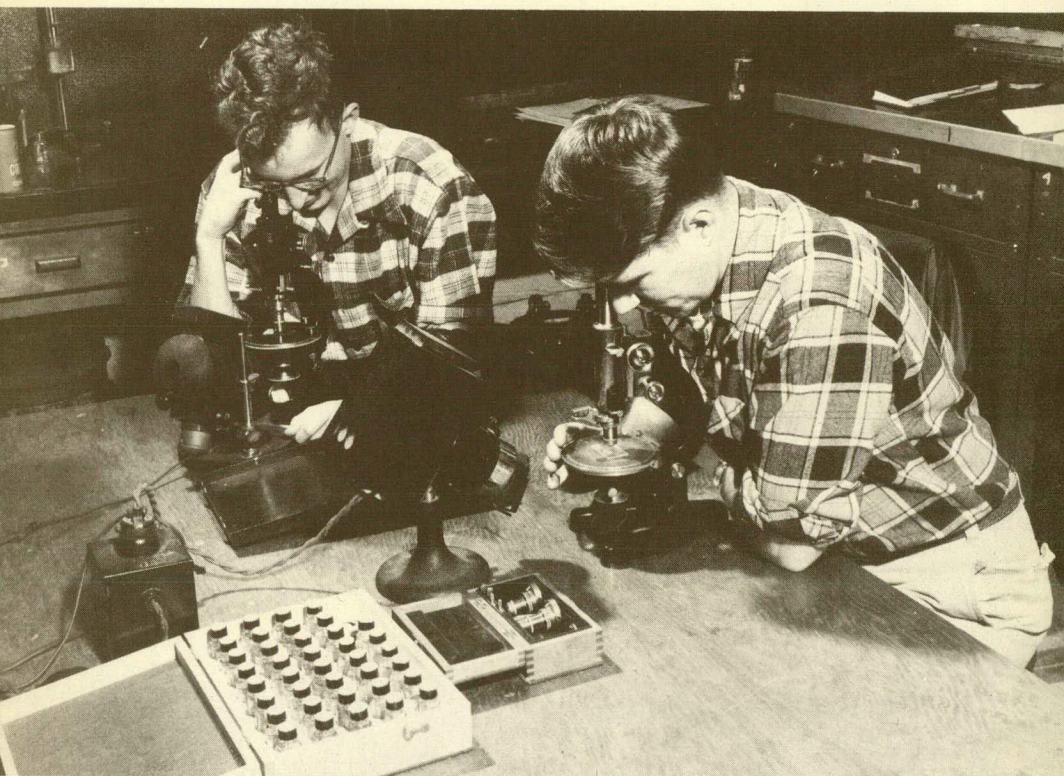
SOCIOLOGY

BIOLOGY





GEOLOGY DEPARTMENT



preparation for teaching, or as preliminary to the study of medicine. The requirements for the elective curriculum are the same as the general requirements of the College for a major: namely, twenty-four semester hours in the field chosen, provided that, in addition to general inorganic chemistry, courses are taken from both the fields of analytical and of organic or physical chemistry.

The prescribed curriculum is designed for students who wish to make use of chemistry as a vocation, and the requirements for this curriculum are essentially those specified by the American Chemical Society's Committee on the Professional Training of Chemists. These requirements are: the four fundamental full-year courses in chemistry, plus advanced chemistry comprising the equivalent of two lectures or recitations a week for two semesters and at least three hours of laboratory work per week for one semester. Three years of previous chemistry is required for admission to these advanced chemistry courses.

In addition to the usual requirements for the Bachelor of Science degree, students who elect the prescribed curriculum must: (1) complete Mathematics 201, 202, and (2) have a reading knowledge of scientific German.

Minors suggested as being suitable for accompanying either kind of chemistry major are: another science, mathematics, a foreign language or economics.

The kind of major elected by a student will be entered on his permanent record. Graduates of the prescribed curriculum only, will be certified by the department as being qualified for graduate work or industrial positions.

A minor in chemistry must include one course in each of the fields of analytical and organic chemistry.

For graduate work, candidates may be accepted in the fields of organic, analytical, and inorganic chemistry.

A candidate for a graduate degree must pass a reading examination in either French or German.

GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS—Chemistry 101, 102.

Credit, 5 semester hours each semester. Prerequisite, high school algebra and plane geometry. High school chemistry is not a prerequisite, although it is desirable.

A study of fundamental theories and principles, and the more important elements. The laboratory in Course 102 will consist of qualitative analysis.

GENERAL CHEMISTRY FOR NURSES—Chemistry 105, 106.

Credit, 3 semester hours each semester. Prerequisite, high school chemistry, or one semester of college chemistry.

A review of the basic principles of general chemistry, plus studies in certain sections of organic, physiological and pathological chemistry.

CHEMISTRY

QUALITATIVE ANALYSIS—Chemistry 132.

Credit, 2 semester hours. Given as there is demand.

Six laboratory hours per week. Required for entrance to advanced courses of students who do not have the equivalent of five hours each of Chemistry 101 and 102.

GLASS BLOWING—Chemistry 194.

Credit, 1 semester hour.

One demonstration-hour and two laboratory-hours per week. Open only to majors in chemistry and physics; see instructor for permission to enroll.

QUANTITATIVE ANALYSIS—Chemistry 201, 202.

Credit, 4 semester hours each semester; 3 hours only may be elected, depending on amount of laboratory work. Prerequisite for Course 201, Course 102 or equivalent; for Course 202, Course 201.

Elementary gravimetric and volumetric analysis; electrolytic and optical methods; stoichiometrical relations; modern theory and practice.

ORGANIC LECTURES—Chemistry 301, 302.

Credit, 3 semester hours each semester. Prerequisite for Course 301, General Chemistry; for Course 302, Course 301.

Study of the hydrogen compounds of carbon and their more important derivatives.

ORGANIC LABORATORY—Chemistry 305, 306.

Credit, 2 semester hours each semester. The lecture course 301, 302 must accompany or precede this laboratory course.

Will include the preparation of typical compounds and will demonstrate various methods of organic preparation.

ADVANCED QUANTITATIVE ANALYSIS—Chemistry 331, 332.

Credit, 1 to 4 semester hours either semester. Given as there is demand. Prerequisite, Chemistry 102 and consent of instructor.

Conferences and 3 to 12 hours of laboratory per week, depending on amount of credit elected.

PHYSICAL—Chemistry 401, 402.

Credit, 5 semester hours each semester. Laboratory, two three-hour periods per week. Prerequisites, Chemistry 201, Physics 202, and Mathematics 202.

The theories and laws of chemistry.

GRADUATE COURSES

Courses listed in this section are primarily for graduate students, although they may be elected by qualified undergraduates.

ADVANCED INORGANIC—Chemistry 522.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

ADVANCED ORGANIC LECTURES—Chemistry 543.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

ORGANIC PREPARATIONS—Chemistry 544, 545.

Credit, 1 to 3 semester hours. Given as there is demand.

Synthetic work of an advanced nature. One quiz, and laboratory hours per week varying according to the credit sought.

BIOCHEMISTRY—Chemistry 553.

Credit, 5 semester hours. Laboratory, two three-hour periods per week. Prerequisites, general organic chemistry and quantitative analysis. Offered in alternate years. Given in 1955-56.

The chemistry of carbohydrates, proteins, lipids and other dietary components; the composition of blood and various tissues; the chemistry of metabolic products.

ORGANIC ANALYSIS—Chemistry 556.

Credit, 3 semester hours. Given as there is demand.

A study of the properties of organic compounds, and laboratory practice in the methods of identifying unknown substances.

COLLOIDS—Chemistry 566.

Credit, 2 semester hours. Prerequisite, physical chemistry. Offered in alternate years. Given in 1955-56.

RESEARCH—Chemistry 590, 591.

Credit, not to exceed 5 semester hours either semester, or a total of 10 semester hours.

THESIS—Chemistry 597, 598.

Credit, not to exceed 6 semester hours.

ECONOMICS

Professors BATTIN, CAPEN, JAMIESON, BERTRAM

Courses 101, 102 are prerequisites to all other courses in the department.

A major in economics must include Courses 101, 102, 221, 232, 301, 305, 306 and six additional upper-level hours. Three hours of accounting are also required (Business Administration 201), and at least one introductory course in another social study (history, political science or sociology). Completion of at least the introductory course in each of the social studies mentioned is recommended. Certain courses from Business Administration may be substituted, with the consent of the department, to fulfill the elective six hour upper-level requirement where this is consistent with a field of emphasis.

A minor in economics must include Courses 101, 102, 221, 232, 301, and 305 or 306.

ECONOMICS

GENERAL ECONOMICS PART I—Economics 101.

Credit, 3 semester hours.

An introduction to the organization and operation of the American economy; and an analysis of contemporary problems and policies.

GENERAL ECONOMICS PART II—Economics 102.

Credit, 3 semester hours. Prerequisite, Course 101.

ECONOMIC HISTORY OF THE UNITED STATES—Economics 221.

Credit, 3 semester hours.

The development of American economic institutions from their European background to the present.

MONEY AND BANKING—Economics 232.

Credit, 3 semester hours.

A survey of the monetary and financial system, the commercial banks, central bank and other banks. The role of money and banking in the economic system.

STATISTICS—Economics 301.

See Business Administration 301.

INTERMEDIATE ECONOMIC THEORY—Economics 305.

Credit, 3 semester hours.

Analysis of the concepts and principles of economics, and of the economic behavior of consumers and business firms; pricing under competitive conditions and under monopolistic conditions; distribution of income in a market economy.

BUSINESS FLUCTUATIONS AND NATIONAL INCOME—Economics 306.

Credit, 3 semester hours.

An analysis of the determinants of the level of national income and of employment; and an introductory study of business fluctuations.

ECONOMIC HISTORY OF EUROPE—Economics 329, 330.

See History 329, 330.

LABOR ECONOMICS—Economics 341.

Credit, 3 semester hours.

A survey of industrial relations; the background of trade unionism and collective bargaining; management and labor problems, and public welfare.

LABOR LAW PROBLEMS—Economics 342.

Credit, 3 semester hours. Prerequisite, Course 341.

A survey of legal aspects of labor problems and of Federal legislation on labor-management relations.

INTERNATIONAL TRADE—Economics 352.

Credit, 3 semester hours.

Relation of the United States to the world economy; principles of trade, foreign exchange, balance of payments; commercial policy, foreign investment; and international economic institutions.

PUBLIC FINANCE—Economics 361.

Credit, 3 semester hours.

Principles and practices of public finance; growth of public expenditures; sources of public revenue; incidence of taxes; effects of government fiscal policy on the national economy.

ECONOMICS OF TRANSPORTATION—Economics 371.

Credit, 3 semester hours.

The economics of rail, air, highway and inland water transportation in the United States. Government regulation, economic effects of rate structures, and special problems of the industry.

HISTORY OF ECONOMIC DOCTRINE—Economics 411.

Credit, 3 semester hours. Prerequisite, Course 301.

A survey of the development of economic thought from the Mercantilists until the present; the relation of economic doctrines to the problems of the period and to the other sciences.

COMPARATIVE ECONOMIC SYSTEMS—Economics 412.

Credit, 3 semester hours.

Comparative analyses of the economic theories, institutions and operation of communist, socialist, fascist and capitalist systems.

HISTORY OF POLITICAL AND SOCIAL PHILOSOPHY—Economics 413, 414.

See Political Science 413, 414.

GOVERNMENT AND BUSINESS—Economics 478.

Credit, 3 semester hours.

Government regulation and control of industry and commerce.

INTERMEDIATE STATISTICAL ANALYSIS—Economics 482.

See Business Administration 482.

GRADUATE COURSES

Courses listed in this section are primarily for graduate students although they may be elected by qualified under-graduates.

BUSINESS CYCLE THEORIES—Economics 501.

Credit, 3 semester hours.

SEMINAR IN ECONOMIC POLICIES—Economics 512.

Credit, 2 or 3 semester hours.

READING AND CONFERENCE—Economics 591, 592.

Credit, 1 or 2 semester hours each semester.

Directed reading, oral and written reports.

THESIS—Economics 597, 598.

Credit, 4 to 6 semester hours in total.

EDUCATION

Professors POWELL, GIBBS, MILLER, LEE

The program of teacher-education at the College of Puget Sound is composed of academic subjects, professional subjects, observation in the public schools, student-teaching, and other pre-professional experiences offered by the Department of Education and the other departments of the institution. The program is designed primarily to meet requirements for certification to teach in the public schools of Washington and the neighboring states. Certain courses and phases of the program are also planned to aid teachers and administrators already in service, to supplement their earlier preparation, and to satisfy requirements for the principals' credentials. Students who desire a knowledge of modern educational principles and practices may also find much of value in the studies and activities of the department.

THE GENERAL TEACHING CERTIFICATE

The General Certificate Program is designed to prepare teachers for all levels from kindergarten through grade twelve. The program consists of three phases: Phase I—four years of pre-teaching college-education leading to a bachelor's degree and the Provisional General Certificate, renewable for a total of five years; Phase II—one to five years of initial teaching-experience on a full-time basis at a standard salary, under the joint supervision of the pre-service college and the employing school; Phase III—a fifth year (30 semester hours) of teacher-education following the period of initial teaching-experience. It is recommended that the teacher obtain this fifth year during one academic year, but upon recommendation of the teacher's adviser the work may be taken during the summer sessions.

I. SPECIFIC REQUIREMENTS FOR ALL TEACHER-EDUCATION CANDIDATES

Students who wish to teach should make a tentative application to the Department of Education to enter the General Certificate Program at the time of initial enrollment in the College of Puget Sound. Final acceptance in the program will be given at the close of the student's fourth or fifth semester. The student must then meet the following conditions:

1. A cumulative grade-point-average of 2.25 or higher.
2. A grade of "C" or higher in all education courses.
3. Approval by the Education Department as a candidate possessing definite promise of success in teaching. Factors that will be considered in granting approval are: high school record; quality of academic work in college; scores on aptitude, intelligence, and personality tests; physical qualities; oral and written English; and such other evidence as may be pertinent.

4. The candidate should participate in one or more of the major co-curricular activities, such as: athletics, intra-mural sports, debate, dramatics, music and art, or publications.

The junior year, which is the student's first year as a candidate for teaching, is to be regarded as a period of orientation, self-discovery, or screening. All teacher-candidates must maintain a cumulative grade-point-average of 2.25 or higher. Failure to earn a grade of "C" or higher in any of the professional requirements and to maintain the above-named grade-point-average will result in withdrawal of the approval for the candidate's further participation in the program of teacher-education.

During the senior year, the candidate must complete all remaining requirements for the degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Arts in Education.* In addition, all remaining requirements for the Provisional General Certificate must be met.

The degrees of Bachelor of Arts and Bachelor of Science require two years of a foreign language and may necessitate more than 125 semester hours of credit by the time all certificate and graduation requirements are met.*

II. GENERAL EDUCATION REQUIREMENTS

Phase I—Four years of Pre-Service Education—125 semester hours. (A minimum of 120 academic hours and 5 activity credits in physical-education or ROTC).

1. *General Education*—A minimum of 60 academic semester hours, first two years.

All teacher-candidates should arrange their first two years of college to include course work in the appropriate following areas:

*Air Force ROTC

Art, Course 101

**Foreign Language

*Freshman English Composition

General Psychology (required)

Health Education, Courses 265 and 266

*Humanities

(Include 3 hours of religion; Philosophy 204, 205 or 206 recommended.)

Music, Course 177

*Physical Education (or ROTC)

*Laboratory Science

*Social Studies

(Choose from History 101, 102, 151, 152 or Political Science 101.)

Speech, Course 101

*See the College's general graduation requirements as found in the 1955 catalog.

**Not required for the degree of Bachelor of Arts in Education.

Electives should be chosen in accord with the *Program Options* and the *Areas of Concentration* listed below.

2. *Broad Areas of Concentration*—a minimum of 40 semester hours. (Major and minors.)

The General Certificate provides three plans for acquiring the necessary background of subject-matter for teaching. These options are flexible enough that the candidate can secure the particular type of teacher-education best adapted to his plans. In general, Options (1) and (2) below should be chosen by those planning to teach in the junior or senior high schools, and Option (3) provides the more varied background appropriate for elementary school teaching. Ordinarily, a student choosing Option (1) or (2) will major in the Area offering his major teaching-subject.

a. *Program Options.*

Subject-matter fields (e.g., English, history, biology) will be organized around five *Areas of Concentration*. Courses in these areas must be planned within one of three options, as explained below.

- (1) *One Broad Area*—no more than 24 of the 40 semester hours should be devoted to one subject-matter field in a given Area of Concentration. For example, one might take 24 hours of history, 8 hours of sociology and 8 hours of political science to complete the required 40 hours.
- (2) *Two Broad Areas*—24 to 30 semester hours in one area and 10 to 16 hours in the other. Under this option no more than 24 semester hours in the major area should be devoted to any one subject-matter field. For example, one might take 24 hours in chemistry, 6 hours in biology, and the balance in a second area to complete the required 40 hours.
- (3) *Three Broad Areas*—approximately 14 semester hours in each area. Under this option, courses in each Area of Concentration should be in not more than two subject-matter fields.

b. *Areas of Concentration (Majors and Minors)*

- (1) *Fine and Applied Arts*—This area includes art, music, industrial arts, home economics, commercial subjects.
- (2) *Health*—This area includes health education, physical education (exclusive of activity credits), recreation, and hygiene.

- (3) *Language Arts*—This area includes composition, drama, foreign language, journalism, literature, reading, and speech.
- (4) *Sciences and Mathematics*—This area includes the biological and physical sciences, and mathematics.
- (5) *Social Studies*—This area includes history (Washington State History and Government required), sociology, anthropology, political science, geography, and economics.

c. *Electives*

The time available for the relatively free choice of electives is greatly limited. Choices of electives should be made with care and under the guidance of the Department of Education.

3. *Specific Courses*

- a. Art 101 and 461, 5 semester hours.
- b. Health and Physical Education 265 and 266, 4 semester hours.
- c. Music 177 and 377, 4 semester hours.
- d. Psychology 201, 3 semester hours.
- e. Speech 101, 3 semester hours.

4. *Professional Education*—27 to 30 semester hours.

a. *Sequence of Required Courses*

- (1) *Introduction Education 301*, 4 semester hours, in the second half of the sophomore year, or the first half of the junior year.

This is an orientation course which will give students first-hand experience in observing and working with children of different ages through community groups in off-campus laboratory work. The development, aims and scope of the American school system will be discussed with special reference to the varied vocational opportunities offered. Includes State Manual of Washington.

- (2) *Human Growth and Development*—Education 302, 4 semester hours, in the first or second half of the junior year.

This course will center around a consideration of the growth and development of the child through a study of child-psychology, adolescent-psychology and educational psychology. The psychology of normal human adjustment and learning will be studied in detail. There

will be five hours per week of directed observation in the public schools from kindergarten through the senior high school.

- (3) *Curriculum, Methods, Materials, and Student Teaching*—Education 401, 6 semester hours, in the second half of the junior, or the first half of the senior year.

A course developing the general principles and special techniques of teaching on both the elementary and secondary levels. The course will include four hours of class work and five clock hours of directed teaching on the *less-preferred level* per week. Experience will be provided in the use of tests, visual aids, teaching units, and other modern curricular materials and methods.

- (4) *Professional Laboratory Experience, Including Student Teaching*—Education 402, 10 semester hours, in the first or second half of the senior year.

Directed teaching and other professional laboratory-experiences on the *preferred level*, with regular conferences between student-teachers and their supervisors. The directed teaching will be on a half-day basis. Two hours of seminar per week.

- (5) *Arithmetic Methods*—Education 450, 2 semester hours. (Required for elementary teachers.)

- (6) *Reading Methods*—Education 449, 2 semester hours. (Required for elementary teachers.)

- (7) *Washington State Manual*—Education 410, 2 semester hours, junior or senior year. (Included in Introduction to Education since June, 1951.)

Credits for Manual cannot be counted toward the major in Education, nor toward the fifth year of college work.

- (8) *Social Studies Methods*—Education 452, 2 semester hours. (Required for elementary teachers.)

- b. *Electives in Education* as needed, in junior and senior years.

Courses which will strengthen the student's professional preparation should be chosen under the guidance of the Department of Education.

5. September Experiences

In the September preceding his junior or his senior year each student will be required to observe and to participate in activities during the opening days of school, either in his home town or in the Tacoma Public Schools. Plans for these experiences must be made in the preceding spring semester.

III. POST-GRADUATION REQUIREMENTS

Phase II—Initial Teaching Experience

The period of initial teaching-experience is on a full-time basis at a standard salary in a public elementary or secondary school and is regarded as an integral part of the program of teacher-education. Teaching during this period is on a Provisional General Certificate, which is valid for one year and renewable annually to a total of five years. The College of Puget Sound and the employing school district share responsibility for the guidance and supervision of the teacher during the initial teaching-experience. During this period, supervisors from the College will visit the teacher and counsel with him and with his public school supervisors concerning his work.

Assistance in securing a teaching-position will be given by the Teacher-Placement Bureau of the College of Puget Sound. This service is open to all graduates of the College and to students who have taken at least twelve semester-hours of work in residence.

Phase III—Fifth Year of Teacher-Education

Under the regulations of the State Board of Education, teachers holding a Provisional General Certificate have five years from the date of original issuance to complete the fifth year of college work. The following standards have been set up to serve as a guide for the fifth year.

1. The fifth year must be completed within five years after the first year of teaching, and at least eight semester hours of credit must be completed before the beginning of the third year of teaching. Upon satisfactory completion of the fifth year of college and a record of successful teaching, the teacher will be recommended for the Standard General Certificate.
2. The teacher may choose the institution in which he wishes to complete his fifth year. In planning this year, he has several choice of institutions where he may do his work:
 - a. If he wishes to take his fifth year in an out-of-state institution, his under-graduate college will be responsible for recommending him for the Standard General Certificate upon successful completion of the work. The teacher must secure approval of his plan from his under-graduate college.
 - b. If he chooses to take his fifth year in the same institution in which he did his under-graduate work, that institution will recommend him for the Standard General Certificate.
 - c. If he elects to take his fifth year in another college within the State of Washington, that institution will recommend

him for the Standard General Certificate, under its regulations for such students.

3. There are four provisions governing the pattern of work in the fifth college year:
 - a. The fifth year must include a minimum of thirty semester hours, one-half of which must be at a level required of graduate students. Ten of the thirty hours may be taken prior to or during the first year of teaching.
 - b. No more than eight semester hours of extension and/or correspondence study may be taken as a part of the thirty semester hours during the fifth year.
 - c. If the fifth year is taken in a college in the State of Washington, a minimum of twenty semester hours must be in residence. Each college, however, has the privilege of establishing its own residence requirement, which may be more than the State minimum. If the fifth year is taken outside the State, at least twenty semester hours must be in the same institution.
 - d. There are no required courses, but those chosen should be selected through consultation with the college which will make the recommendation for the Standard General Certificate. The major objective in the fifth college year should be growth of the teacher. The first year of teaching should indicate strengths and weaknesses which will guide in selecting studies that will increase teaching skill, add to general knowledge, and fill in gaps in the teacher's preparation.
4. It is the responsibility of each teacher to initiate the necessary steps for the approval and completion of the fifth year of college-work.

Teachers who have taken their under-graduate work at another institution in the State and who wish to complete their fifth year at the College of Puget Sound should notify the Department of Education of their intention and have transcripts of their credits sent to the Registrar. In addition, recommendations from the under-graduate college concerning plans and qualifications for the fifth year must be forwarded to the Department of Education. A transferring student's cumulative grade-point-average must be at least 2.25. Upon satisfactory completion of a minimum of twenty semester hours in residence, the College of Puget Sound will recommend the candidate for the Standard General Certificate, but no degree will be granted until the full year's residence-requirements have been met.

Teachers who have taken their under-graduate work at the College of Puget Sound and who plan to take their fifth year at another institu-

tion within the State, should notify the Department of Education and make application to the institution where they plan to do their work. After proper request, the College of Puget Sound will forward the appropriate credentials.

A teacher who completes the fifth-year at the College of Puget Sound may be eligible for the Bachelor of Education degree, and with careful planning he can qualify for either the Master of Arts or the Master of Education degree.

MAJOR AND MINOR REQUIREMENTS

Students who take a major in the subject of education itself must have the courses required by the State Board of Education for certification to teach, and in no case shall the major be less than twenty-four semester hours.

Requirements for a minor will be determined by the Department of Education in consultation with the student.

BACHELOR OF EDUCATION

The degree of Bachelor of Education is a post-graduate degree conferred on students who have completed a fifth year of college and who have met the following standards:

1. Possession of a standard bachelor's degree from an accredited institution of higher learning;
2. Fulfillment of the requirements for a standard Washington State teaching certificate;
3. Completion of not less than thirty semester hours of college-work after receipt of the bachelor's degree, one-half of which must be upper-level or graduate credit;
4. Completion of not less than twenty-seven semester hours of education, graduate and under-graduate, including the courses required for the certificate presented in Standard 2 above;
5. Attainment of a cumulative grade-point-average of 2.25 or higher for admission to, and completion of, the degree;
6. Fulfillment of the residence and credit requirements of the College of Puget Sound for a degree;
7. Work taken and applied for this degree may not be presented in excess of ten hours for the master's degree.

MASTER OF ARTS IN EDUCATION

The statement of the general requirements for the degree of Master of Arts will be found elsewhere in the college catalog. In addition to satisfying these requirements, the candidate for the Master of Arts in Education degree must include in his graduate education courses (1) Educational Statistics; (2) Philosophy of Education, and (3) Introduction to Educational Research.

Two years of successful teaching-experience are required prior to receipt of the degree. Not more than ten semester hours of graduate credit can be applied toward the degree before the candidate has taught at least one year.

MASTER OF EDUCATION

The Master of Education is a standard graduate degree designed for persons engaged in the various fields of education (teaching, administration, supervision, and guidance) who prefer to substitute specific courses in the Department of Education and a study of some specific field problem for the thesis required for the degree of Master of Arts in Education.

Except as relating to the thesis, standards and procedures for admission, scholarship, and examination, shall be the same as for candidates for the Master of Arts degree.

For the Master of Education degree there is required a minimum of thirty-six semester hours of graduate credit, normally all in the major subject of education. Subject to approval by the Graduate Committee, the candidate may choose a minor academic subject, in which case he must present a minimum of twenty-one hours of credit in his major and fifteen hours in his minor. A total of twenty-four hours of undergraduate credit in education and fourteen hours in the minor is considered a minimum for admission to graduate study.

The graduate courses chosen to satisfy requirements for the degree shall be selected in consultation with the candidate's major adviser. A program for any given candidate may include desirable and pertinent graduate courses from departments other than Education when approved by the Department of Education and the Graduate Committee. In addition to the elective education courses, each candidate must present credits in the following specific courses: (a) Statistical Methods; (b) Introduction to Educational Research; (c) Philosophy of Education; (d) Seminar in Education. Graduate courses taken more than ten years prior to application for admission to graduate study will not be accepted.

Credit may be given, at the discretion of the Graduate Committee, for graduate work in other institutions having similar standards

for such work, but such credit may not exceed ten semester hours. Not more than six semester hours of credit by extension may be allowed; and no credit will be allowed for courses taken through correspondence. The extension work presented must be acceptable for credit toward a graduate degree from the institution which offered the work. Any transfer-credit is tentative until validated by work in residence.

Two years of successful teaching-experience are required prior to receipt of the degree. Not more than ten semester hours of graduate credit can be applied toward the degree before the candidate has taught at least one year.

Application for graduation must be made not later than the beginning of the semester or summer session in which the degree is to be awarded.

INTRODUCTION TO EDUCATION—Education 301.

Credit, 4 semester hours. Open to second-semester sophomores. Required for the General Certificate. Prerequisite, Psychology 201 and a cumulative grade point average of at least 2.25.

This is an orientation-course designed to give students knowledge of local, state and national aspects of the American educational system. State educational law (State Manual) is included in this course. Three hours per week will be spent in off-campus professional activities.

HUMAN GROWTH AND DEVELOPMENT—Education 302.

Credit, 4 semester hours. Required for the General Certificate. Prerequisite, Education 301.

This course will center around a consideration of the growth and development of the child. The psychology of normal human growth, adjustment, and learning will be studied in detail. There will be five hours per week of observation in the public schools from kindergarten through the senior high school.

CHILD PSYCHOLOGY—Education 325.

See Psychology 325.

PSYCHOLOGY OF ADOLESCENCE—Education 326.

See Psychology 326.

CURRICULUM, METHODS, AND STUDENT TEACHING—Education 401.

Credit, 6 semester hours. Open to second-semester juniors. Required for the General Certificate. Prerequisite, Education 302.

This area will include four hours per week of college seminar and five clock hours per week of directed student-teaching on the less-preferred level. Curriculum problems and plans and teaching techniques on both the elementary and secondary levels will be integrated and correlated with classroom observation and teaching.

EDUCATION

PROFESSIONAL LABORATORY EXPERIENCES, INCLUDING DIRECTED TEACHING—Education 402.

Credit, 10 semester hours. Open only to seniors. Required for the General Certificate. Prerequisite, Education 401.

Directed teaching will be on a half-day basis with provisions for seminars related to the problems encountered in teaching. Teaching will be done on the preferred level.

***THE GOVERNMENT AND EDUCATIONAL SYSTEM OF THE STATE OF WASHINGTON**—Education 410.

Credit, 2 semester hours. Not counted toward a major or a minor in education. Required of all students intending to teach in the State of Washington.

The course will include a study of the State Constitution, an outline of the State school system and essentials of the school law, and a general view of the curricula and courses of study officially prescribed by the State Board.

PRINCIPLES AND PRACTICES OF GUIDANCE—Education 437.

Credit, 3 semester hours. Required for the Bachelor of Education degree.

Methods of personal, educational, and vocational guidance in schools. Two-hour laboratory per week in the public schools.

EDUCATIONAL TESTS AND PUPIL EVALUATION—Education 441.

Credit, 3 semester hours. Required for the Bachelor of Education degree.

A study of the methods used in testing pupils in the public schools, the principles underlying these methods and the relation of the tests to school efficiency and school progress. The course includes an introductory study of statistics and statistical methods. Practice in making tests and in charting and estimating results will be required.

READING METHODS—Education 449.

Credit, 2 semester hours. Required for elementary-school teaching. Prerequisite, Education 302.

ARITHMETIC METHODS—Education 450.

Credit, 2 semester hours. Required for elementary-school teaching. Prerequisite, Education 302.

SOCIAL STUDIES EDUCATION—Education 452.

Credit, 2 semester hours. Required for elementary-school teaching. Methods and materials in the social studies for the elementary-school grades.

SCIENCE EDUCATION—Education 453.

Credit, 2 semester hours. Not to be counted toward a science major. Recommended for elementary-school teaching. Methods and materials in elementary-school science.

*May be taken in residence or by correspondence, or the requirement may be satisfied by examination through the Office of the County Superintendent of Schools. The examination is given on the first Saturday in March. Registration for the examination should be made in February. Education 301 also satisfies the State Manual requirement.

SPECIFIC METHODS OF TEACHING SECONDARY-SCHOOL SUBJECTS

—Education 459.

Credit, 2 semester hours. Prerequisite, Education 401.

Under this number courses will be scheduled as needed, in either the first or second semester, to give training in methods of teaching specific subjects in the secondary-school curriculum. Teachers in the students' major departments offer these courses.

AUDIO-VISUAL AIDS IN TEACHING—Education 460.

Credit, 3 semester hours.

The uses of each type of aid, the method by which it can be most effectively employed, administration of the school's audio-visual program, and use of equipment.

SCHOOL ORGANIZATION AND ADMINISTRATION—Education 475.

Credit, 3 semester hours.

A course in the principles and methods of educational organization and administration. Units of organization, city school systems, forms and functions of state and local supervision, the teaching staff, courses of study, special types of public education, standard of efficiency, school-building, furnishings and equipment.

READING CONFERENCE IN EDUCATION—Education 491, 492.

Credit arranged. Open only to seniors with approval of the Department of Education.

GRADUATE COURSES

Courses listed in this section are primarily for graduate students, although they may be elected by qualified seniors.

PRINCIPLES OF ELEMENTARY EDUCATION—Education 512.

Credit, 3 semester hours.

A critical study of the modern elementary school, with special references to philosophy, objectives, curriculum and methods.

PRINCIPLES OF SECONDARY-EDUCATION—Education 513.

Credit, 3 semester hours.

An advanced critical study of modern secondary education, including extended secondary education, vocational education, and the junior college.

HISTORY OF EDUCATION—Education 515.

Credit, 3 semester hours.

A study of educational theory and practice from early times to the present. Emphasis is placed on the theoretic conceptions and the social forces which determined specific forms of educational organization, or the spirit and content of instruction at different times. Special attention is given to the evolution of national school systems and to the influence of the modern scientific and social spirit. Special attention will be given to American education.

EDUCATION

PHILOSOPHY OF EDUCATION—Education 516.

Credit, 3 semester hours. Required for the Master of Arts in Education and the Master of Education degrees.

A study of the nature and meaning of philosophy as it relates to education, with an attempt to formulate a sound educational philosophy for the United States.

MORAL AND SPIRITUAL VALUES IN EDUCATION—Education 524.

Credit, 3 semester hours.

This course is based upon the confidence that moral and spiritual values can grow in the context of teaching in any subject-matter. Time will be given to ways and means of accomplishing this within the framework of constitutional requirements.

ADVANCED EDUCATIONAL PSYCHOLOGY—Education 529.

Credit, 3 semester hours.

Advanced study of the psychology of learning and teaching processes, with emphasis on the evaluation of current educational theories and practices in terms of psychological principles.

ADVANCED TECHNIQUES OF COUNSELING AND GUIDANCE

—Education 537.

Credit, 3 semester hours.

Advanced techniques of guidance and counseling procedure in the elementary and secondary school. Designed primarily for experienced counselors and teachers.

STATISTICAL METHODS—Education 541.

Credit, 3 semester hours. Required for the Master of Arts in Education and the Master of Education degrees.

A study of the statistical procedures employed in dealing with educational, psychological and sociological data.

PRINCIPLES OF PUBLIC SCHOOL CURRICULUM PLANNING—Education 545.

Credit, 3 semester hours.

An advanced study of curricula and curriculum-making with special references to both elementary and secondary levels.

SEMINAR IN SUPERVISING-TEACHER EDUCATION—Education 573.

Credit, 1 semester hour. Open to administrators and teachers who supervise student-teachers.

ELEMENTARY SCHOOL ADMINISTRATION AND SUPERVISION

—Education 576.

Credit, 3 semester hours.

Construction of the daily program, analyzing time-allotments and the balance of activities; classification and promotion of pupils; attendance and tardiness; health-education; school-assembly; and school-library.

JUNIOR HIGH SCHOOL ADMINISTRATION AND SUPERVISION

—Education 577.

Credit, 3 semester hours.

A study of the organization, functions, and problems of administration in the junior high school.

HIGH SCHOOL ADMINISTRATION AND SUPERVISION—Education 578.

Credit, 3 semester hours.

Problems in the administration of secondary schools; designed especially for students who expect to become principals or superintendents.

PUBLIC SCHOOL FINANCE—Education 582.

Credit, 3 semester hours.

A study of the methods and problems of public school financing in the United States. Stress will be placed upon the study of typical states in comparison with the methods and problems of financing education in the State of Washington. A course for administrators, classroom teachers, and laymen interested in the problem of public school finance.

SCHOOL AND COMMUNITY RELATIONS—Education 586.

Credit, 3 semester hours.

A re-study of the place of the school in the community, including use of the buildings for community functions, participation of the school personnel in community activities, and the use of community resources to further school purposes.

READING AND CONFERENCE—Education 591, 592.

Credit arranged. Open only to advanced students with the approval of the instructor.

INTRODUCTION TO EDUCATIONAL RESEARCH—Education 593.

Credit, 2 semester hours. Required for the Master of Arts in Education and the Master of Education degrees.

Application of methods of research to determination of selected educational problems. Especially adapted to students who desire an introduction to educational research, or to graduate methods in research.

SEMINAR—Education, 595, 596.

Credit and time arranged. Required for the Master of Education degree. Prerequisite, Education 593.

Individual investigation and group consideration of selected problems in the field of education.

MASTER'S THESIS—Education 597, 598.

Credit and time to be arranged. Prerequisite, Education 593.

ENGLISH

Professors CHAPMAN, BENNETT, WEATHERHEAD;
Miss MYERS, Mr. GARRISON, Mrs. PRICE

The Department of English includes three fields: composition, literature and journalism. Majors are offered in literature, in composition and literature combined, or in journalism and the other fields combined. A minor may be taken in any one of the three fields.

English 101 and 102, or 105 and 106, or their equivalent, in composition are required of all students, but these courses may not be counted toward a major or minor. English 101 or 105 must be taken the first semester students are in the College. It is prerequisite to English 102 or 106, which must be taken not later than the second year in residence.

Essential (upper-level) literature courses are grouped as follows:

GROUP I

Shakespeare—English 451, 452.

Medieval English Literature—English 466, 467.

Renaissance Literature—English 470, 471.

GROUP II

Eighteenth Century Literature—English 454, 455.

Nineteenth Century Literature—English 457, 458.

A major in literature should include Courses 221 or 222, 251, 252, 451 or 452, and six hours additional from each of Groups I and II.

A minor in literature should include six hours from Literature Courses 231, 232, 251, 252, and three hours from each of Groups I and II.

A major in composition-literature should include six hours from Literature Courses 231, 232, 251, 252. In addition the following are required: 221 or 222; 451 or 452. Composition Courses 301 and 302 are both required. The remaining nine hours are to be elected from composition and literature courses in areas of interest. Of these, six must be from courses numbered above 300.

A minor in composition-literature should include three hours from Literature Courses 231, 232, 251, 252. In addition the following are required: Composition Courses 301 and 302; three hours from literature, Groups I or II. The remaining five hours are to be elected from composition and literature courses in areas of interest.

I. COMPOSITION AND RHETORIC

FRESHMAN COMPOSITION—English 101, 102.

Credit, 3 semester hours each semester.

The fundamental principles of composition with practice in theme writing. Personal criticism and individual conferences.

ENGLISH PROSE COMPOSITION—English 105, 106.

Credit, 3 semester hours each semester.

A course in the writing of expository and narrative prose, with emphasis upon organization, style, and rhetorical principles; illustrated and augmented by reading in English and American selections. Open to freshmen who are not required to take English 101, 102.

ADVANCED COMPOSITION—English 301, 302.

Credit, 2 semester hours each semester.

A practical course for students and teachers who desire training in formal and informal essay. First semester: emphasis upon development of style. Second semester: emphasis upon the essay.

THE SHORT STORY—English 311.

Credit, 2 semester hours.

An introductory course in development of fictional characters and of plot structure.

HISTORY OF THE ENGLISH LANGUAGE—English 511.

Credit, 2 semester hours. Offered in alternate years. Given in 1956-57.

A study of the change and development in the vocabulary, grammar, and pronunciation of the English language from the beginning to the present time. Recommended to English majors who expect to teach.

PRINCIPLES OF CRITICISM—English 514.

Credit, 2 semester hours. Offered in alternate years. Given in 1956-57.

Reading, and application to chosen masterpieces, of a selected group of critical essays, with the view of developing in the student principles of literary taste and judgment.

II. LITERATURE

INTRODUCTION TO TYPES OF LITERATURE—English 111, 112.

Credit, 2 semester hours each semester.

Reading in modern English and American literature in several types. Consideration of modern thought that has affected literature.

AMERICAN LITERATURE—English 221, 222.

Credit, 2 semester hours each semester.

Colonial period to 1870; 1870 to the present. Designed to show the great range of our literature, with emphasis upon the development of significant ideas in the growth of America.

WORLD LITERATURE—English 231, 232.

Credit, 3 semester hours each semester.

A study of classics selected from Ancient, Medieval, and Renaissance literature, with attention to their influence on English letters.

ENGLISH

INTRODUCTION TO ENGLISH LITERATURE—English 251, 252.

Credit, 3 semester hours each semester.

A survey course covering the chief men and movements of English literary history from its beginning through the nineteenth century.

CONTEMPORARY LITERATURE BEFORE WORLD WAR I—English 340, 341.

Credit, 2 semester hours each semester. Offered in alternate years.

Given in 1955-56.

A study of representative Continental, British and American novelists.

CONTEMPORARY LITERATURE AFTER WORLD WAR I—English 343, 344.

Credit, 2 semester hours each semester. Offered in alternate years.

Given in 1956-57.

A study of representative Continental, British and American novelists and poets.

SHAKESPEARE—English 451, 452.

Credit, 3 semester hours each semester.

A study of the principal plays of Shakespeare with examination of the source material. One semester required of literature majors.

RESTORATION AND EIGHTEENTH CENTURY LITERATURE

—English 454, 455

Credit, 3 semester hours each semester. Offered in alternate years.

Given in 1955-56.

The Ages of Dryden, Pope, Johnson, and eighteenth century romanticism.

NINETEENTH CENTURY LITERATURE—English 457, 458.

Credit, 3 semester hours each semester.

A study of the principal poets and essayists of the Romantic and Victorian periods.

***THE NOVEL IN ENGLISH**—English 460, 461.

Credit, 2 semester hours each semester. Offered in alternate years.

Given in 1956-57.

The development of the English and American novel from the beginnings through the nineteenth century.

***THE DRAMA IN ENGLISH**—English 463, 464.

Credit, 2 semester hours each semester. Offered in alternate years.

Given in 1955-56.

English drama to 1642; Restoration period to contemporary drama.

OLD AND MIDDLE ENGLISH LITERATURE—English 466, 467.

Credit, 3 semester hours each semester.

First semester: reading in selected translations from Old English prose and poetry, and in Middle English other than Chaucer. Second semester: rapid reading of Chaucer in the original. Discussion and reports.

LITERATURE OF THE ENGLISH RENAISSANCE—English 470, 471.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

The English Renaissance, Spenser and his contemporaries, Milton and his contemporaries.

*Enrollment for one hour additional each semester with permission of the instructor.

READING IN ENGLISH—English 497, 498.

Credit, 2 semester hours each semester. Open only to advanced students with the consent of the instructor and of the head of the department.

Individual study of selected topics, with written reports, and conferences.

THESIS—English 597, 598.

Credit, 4 to 6 semester hours.

III. JOURNALISM

Students may take a major which combines courses in journalism with English composition and literature.

Requirements for this major include: Courses 108, 109, 114, 115, 121, 122, 221, 222, 411 and 412 or 414 and 415; four hours selected from 340, 341, 343, 344; six hours selected from 231, 232, 251, 252; and either 211, 212 or 301 and 302 or 311.

Requirements for a minor in journalism include: Courses 108, 109, 114, 115, and electives in journalism to make a total of 15 semester hours.

NEWS-WRITING AND EDITING—English 108, 109.

Credit, 2 semester hours each semester. Required for all majors.

The technique of the news-story. The first semester is devoted to straight news-writing and copy-editing. The second semester takes up specialized news work; editorials; sports stories, society, features and radio news.

TRAIL EDITORIAL CONFERENCE—English 114, 115.

Credit, 2 semester hours each semester. Required for all majors.

Prerequisite, English 108, 109.

A writing laboratory for the staff of the College news-magazine.

CURRENT NATIONAL AND INTERNATIONAL PROBLEMS

See *Political Science* 121, 122. —English 121, 122.

ADVANCED EDITORIAL CONFERENCE—English 314, 315.

Credit, 1 semester hour each semester.

Open only to students who have completed Courses 114 and 115, and are participating in the editing of the Trail.

NEWS BROADCASTING—English 321, 322.

Credit, 3 semester hours each semester.

Students in this course prepare a daily news program and announce it over one of the Tacoma radio stations. The class studies the technique of writing radio news and features. The emphasis is on writing rather than announcing, though the students do all the broadcasting.

ADVERTISING—English 323, 324.

See *Business Administration* 323, 324.

NEWS AND PUBLICITY THROUGH RADIO AND TELEVISION—English 326.

Credit, 2 semester hours.

FRENCH

JOURNALISM WORKSHOP—English 411, 412.

Credit, 2 semester hours each semester. Required of all majors.
Advanced work in feature stories, publicity and editing house organs.

FEATURE WRITING—English 414, 415.

Credit, 2 semester hours each semester.

CONFERENCE IN CREATIVE WRITING—English 491, 492.

Credit, 2 semester hours each semester. Registration only by permission of the instructor.

A seminar for writers engaged in projects in either fiction or non-fiction.

SEMINAR IN JOURNALISM—English 494, 495.

Credit, 2 semester hours each semester.

A weekly conference open only to seniors majoring in journalism.

FRENCH

Professors FOSSUM, MARTIN

In a major in French, Courses 301, 302, 313, 314 (or 325, 326), 351 and 387, 388 should be included; in a minor, Courses 301, 302 and 351 are recommended.

Courses 101 and 102 are not counted in the hours for a major, nor Course 101 for a minor.

ELEMENTARY FRENCH—French 101, 102.

Credit, 4 semester hours each semester.

Introduction to the phonetics and grammar of the French language, reading of graded texts and of books on French culture.

INTERMEDIATE FRENCH—French 201, 202.

Credit, 3 semester hours each semester. Prerequisite, Course 102, or two years of high school French.

Reading of modern French writers, review of grammar, oral and written composition, and conversation.

SURVEY OF FRENCH LITERATURE—French 301, 302.

Credit, 3 semester hours each semester. Prerequisite, Course 202.

DEVELOPMENT OF FRENCH DRAMA—French 313, 314.

Credit, 3 semester hours each semester. Prerequisite, Course 202.

Offered in alternate years. Given in 1955-56.

The first semester is devoted to the study of the drama through the seventeenth century; the second semester, to modern dramatists.

DEVELOPMENT OF FRENCH NARRATIVE WRITING—French 325, 326.

Credit, 3 semester hours each semester. Prerequisite, Course 202.

Offered in alternate years. Given in 1956-57.

Lectures, reports, and discussion. Intensive study of some examples of the conte, nouvelle, and roman.

ADVANCED COMPOSITION—French 351.

Credit, 3 semester hours. Prerequisite, Course 202. Offered in alternate years. Given in 1956-57.

MODERN FRENCH LITERATURE—French 375, 376.

Credit, 3 semester hours each semester. Prerequisite, Course 202, or the equivalent. Offered in alternate years. Given in 1956-57.

Lectures and reading of selected works of modern period, showing particularly the development of French thought during the nineteenth century.

FRENCH CIVILIZATION—French 387, 388.

Credit, 2 semester hours each semester. Prerequisite, Course 202. Offered in alternate years. Given in 1956-57.

Readings, lectures, and reports on France from the Middle Ages to the present.

FRENCH POETRY AND EXPLICATION DE TEXTES—French 465.

Credit, 3 semester hours. Prerequisite, at least 6 upper-level credits in French. Offered in alternate years. Given in 1955-56.

Critical study of the development of French poetry from the Pleiade to the present day.

CONTEMPORARY FRENCH LITERATURE—French 478.

Credit, 3 semester hours. Prerequisite, at least 6 upper-level credits in French. Offered in alternate years. Given in 1955-56.

A study of twentieth-century novelists, poets, dramatists and essayists.

GRADUATE COURSES

Courses listed in this section are primarily for graduate students, although they may be elected by qualified undergraduates.

READING CONFERENCE—French 591, 592.

Credit, 1 or 2 semester hours each semester, and may be repeated once. Enrollment only on approval by the head of the department. Undergraduates accepted would register under the numbers 491, 492.

Directed reading, oral and written reports, and discussion.

SEMINAR—French 503, 504.

Credit, 2 semester hours each semester.

READING AND INTERPRETING OLD FRENCH TEXTS—French 511, 512.

Credit, 2 semester hours each semester.

THESIS—French 597, 598.

Credit, 4 to 6 semester hours.

GEOLOGY

Professor McMILLIN; Mr. ANDERSON

Any major in geology must include Courses 101, 102, 201, 202, 360, and six hours from Courses 321, 322, 351, 352; however, to be recommended as a professional geologist or for a graduate appointment, a student must offer five additional hours of upper-level work. Surveying, Mathematics 224, is required of all majors, and should be completed by the end of the sophomore year.

A minor will consist of Courses 101, 102, 201, 202, plus one three-hour upper-level course.

Advanced Field Geology, Geology 360, is required of all geology majors. It is advised that each major plan to take this course in the summer session between his junior and senior years.

A student who wishes to major in geology should have had at least two years each of high school mathematics and language. If these courses have to be taken in college, additional time will be required. He should be advised also that there is certain field equipment such as a Brunton Compass, hand pick, hand lens, field notebook, and drafting equipment which he must procure as early as possible in his course.

Instruction in the department may lead to any one of the major fields of interest in geology. These areas of interest should be supported by strong minors as follows: (1) Economic Geology and Mining-Chemistry; (2) Geophysics-Mathematics and Physics; (3) Engineering Geology-Physics and/or Mathematics; (4) Petroleum Geology-Physics and/or Mathematics; Paleontology-Biology.*

Geology will satisfy the college science requirement only if the student has had one high school unit of biological science (Biology or Botany).

PHYSICAL GEOLOGY—Geology 101.

Credit, 4 semester hours.

This is essentially a study of the structures of the earth and the forces that produce them.

INTRODUCTION TO HISTORICAL GEOLOGY—Geology 102.

Credit, 4 semester hours. May be taken before Geology 101 by permission of the department.

A study of the origin of the earth and its subsequent history.

*Because the geologist is closely associated with management, General Economics should be presented as part of the broad background. Statistics, B.A. 301, is suggested as preparation for Geology 322 or 401.

MINERALOGY—Geology 201

Credit, 3 semester hours; one hour lecture, one hour recitation and three hours laboratory. Prerequisite, Course 101, or equivalent; and General Chemistry is recommended.

A comprehensive study of the more important minerals from the standpoint of physical characteristics. This will include an introduction to crystallography, physical and blowpipe analysis.

INTRODUCTION TO FIELD GEOLOGY—Geology 202.

Credit, 3 semester hours. Field trips required.

Problems of field geology discussed in general. Compass and elementary plane-table mapping are studied. Field trips are made to typical areas.

GEOLOGIC ILLUSTRATION—Geology 300.

Credit, 2 semester hours; two three-hour laboratories. Offered in alternate years. Given in 1956-57.

A study of methods used in preparation of illustrations for geological reports.

OPTICAL MINERALOGY AND PETROGRAPHY—Geology 301.

Credit, 3 semester hours; one hour lecture, one hour recitation and three hours laboratory per week. Prerequisite, ten hours of geology.

The use of polarizing microscope in the examination of minerals and rocks in thin sections.

PETROGRAPHY—Geology 302.

Credit, 3 semester hours; one hour lecture, one hour recitation and three hours laboratory per week. Prerequisite, Course 301.

Principles of petrography and petrographic methods in the study of igneous and metamorphic rocks.

STRUCTURAL GEOLOGY—Geology 321.

Credit, 3 semester hours; two lectures and one three-hour laboratory. Offered in alternate years. Given in 1955-56.

Detailed examination of the structural features of the earth and the study of the causes of crustal deformation.

PRINCIPLES OF STRATIGRAPHY—Geology 322.

Credit, 3 semester hours; two lectures and one three-hour laboratory. Offered in alternate years. Given in 1955-56.

A study of rock strata, the conditions of their deposition, their character, age, and distribution.

PALEONTOLOGY OF THE INVERTEBRATES—Geology 351, 352.

Credit, 3 semester hours each semester. Prerequisite, Course 102. Field trips required. Offered in alternate years. Given in 1956-57.

The principles of paleontology and a systematic study of fossils.

ADVANCED FIELD GEOLOGY—Geology 360.

Credit, 5 semester hours. Prerequisite, Courses 202 and 322. Required of all majors. Summer Session.

Five-week course given at a summer field camp. Field methods, plane table mapping, geologic mapping, collection and detail study of the material entering into a complete structural investigation of an area. Upon completion of field work, the student prepares a comprehensive report on the geology of the area studied.

GERMAN

ORE MINERALS—Geology 405, 406.

Credit, 3 semester hours each semester; two lectures and one three-hour laboratory period. Offered in alternate years. Given in 1956-57.

A study of the economics of minerals and of the general principles of their physical and chemical assembling and preparation.

SEDIMENTARY PETROGRAPHY—Geology 431.

Credit, 3 semester hours; two lectures and one three-hour laboratory period. Offered in alternate years. Given in 1955-56.

Comprehensive study of sediments, their origin and composition.

GEOMORPHOLOGY—Geology 450.

Credit, 3 semester hours; two lectures and one three-hour laboratory. Prerequisite, fourteen hours of geology. Offered in alternate years. Given in 1955-56.

A study of the origin and history of the earth's surface features and their interpretation from topographic maps.

SEMINAR—Geology 493, 494.

Credit, 2 semester hours each semester. Course may be repeated upon recommendation of the department. At least one semester of seminar required of all professional majors.

Detailed and critical study of various fields in geology. Analysis of reports and statistical data.

INDEPENDENT INVESTIGATION—Geology 495, 496.

Credit, 2 semester hours each semester. Required of majors in the senior year.

A systematic study of selected areas and the preparation of an acceptable undergraduate thesis.

GRADUATE THESIS—Geology 597, 598.

Credit, 4 to 6 semester hours.

GERMAN

Professors BACHIMONT, MILLER, TOMLINSON

In a major, Courses 301, 302, 352, 388, 461, 462 should be included. In a minor, Courses 301, 302, 352, 388 are recommended.

Courses 101, 102 are not counted in the hours for a major, nor Course 101 for a minor.

ELEMENTARY GERMAN—German 101, 102.

Credit, 4 semester hours each semester.

Phonetics, fundamentals of German grammar, acquisition of a basic vocabulary, elementary composition and conversation; reading of graded texts of cultural interest.

INTERMEDIATE GERMAN—German 201, 202.

Credit, 3 semester hours each semester. Prerequisite, Course 102, or two years of high school German.

Intensive study of several works of modern German writers; review of grammar; practice in oral and written German.

INTERMEDIATE COMPOSITION AND CONVERSATION—German 253.

Credit, 3 semester hours. Prerequisite, German 102, or equivalent.
Admission only by approval of the department.

A course in speaking and writing German.

SURVEY OF GERMAN LITERATURE—German 301, 302.

Credit, 3 semester hours each semester. Prerequisite, Course 202.
Offered in alternate years. Given in 1955-56.

SCIENTIFIC GERMAN—German 311, 312.

Credit, 3 semester hours each semester. Prerequisite, Course 202,
or approval by the department.

Aims toward ability to read German in the student's field of special interest.
 Class work and conferences.

ADVANCED COMPOSITION AND CONVERSATION—German 352.

Credit, 3 semester hours. Offered in alternate years. Given in
1955-56.

Systematic review of German syntax. Oral and written composition.

DEUTSCHKUNDE—German 388.

Credit, 3 semester hours. Prerequisite, Course 202. Offered in
alternate years. Given in 1956-57.

A study and interpretation of the important cultural phases of German life
 and thought. Readings, lectures, reports.

RECENT GERMAN PROSE—German 461.

Credit, 3 semester hours. Offered in alternate years. Given in
1956-57.

GOETHE'S FAUST—German 462.

Credit, 3 semester hours. Offered in alternate years. Given in
1956-57.

Intensive study of the drama (Parts 1 and 2), its problems, philosophy, and
 sources, in connection with Goethe's life.

READING CONFERENCE—German 491, 492.

Credit, 1 to 3 semester hours each semester.

Directed reading and research in fields of student's special interest. Oral
 and written reports.

GREEK

ELEMENTARY—Greek 101, 102.

Credit, 4 semester hours each semester.

Introduction to Greek through Attic prose. Study of forms and syntax.
 Reading of selections from Xenophon, Sophocles and Euripides.

INTERMEDIATE—Greek 201, 202.

Credit, 3 semester hours each semester.

First semester, reading of Plato's *Apology*, *Crito* and *Phaedo*. Second
 semester, reading from Homer's *Iliad*.

HISTORY

Professors SHELMDINE, COULTER, TOMLINSON

A major in history must include Courses 101, 102 or 151, 152, and 493 or 494, with additional hours to complete the total of twenty-four. The area of specialization within the major will be decided through consultation with the Head of the Department.

A minor in history must include Courses 101, 102 or 151, 152, and additional hours in upper-level courses to complete the total of fifteen.

SURVEY OF WORLD HISTORY—History 101, 102.

Credit, 3 semester hours each semester.

HISTORY OF THE UNITED STATES—History 151, 152.

Credit, 3 semester hours each semester.

HISTORY OF ENGLAND AND THE BRITISH EMPIRE—History 211, 212.

Credit, 2 semester hours each semester. Offered in alternate years. Given in 1955-56.

HISTORY OF THE NEAR EAST—History 215, 216.

Credit, 3 semester hours each semester.

HISTORY OF THE FAR EAST—History 221, 222.

Credit, 2 semester hours each semester.

HISTORY OF THE PACIFIC NORTHWEST—History 251.

Credit, 2 semester hours.

THE MIDDLE AGES—History 321, 322.

Credit, 2 semester hours each semester. Offered in alternate years. Given in 1956-57.

THE RENAISSANCE AND REFORMATION—History 323.

Credit, 2 semester hours. Offered in alternate years. Given in 1955-56.

THE FRENCH REVOLUTION AND NAPOLEON—History 324.

Credit, 2 semester hours. Offered in alternate years. Given in 1955-56.

THE ECONOMIC HISTORY OF EUROPE—History 329, 330.

Credit, 2 semester hours each semester. Offered in alternate years. Given in 1955-56.

THE COLONIAL PERIOD OF AMERICAN HISTORY—History 351.

Credit, 3 semester hours. Offered in alternate years. Given in 1955-56.

THE RISE OF AMERICAN DEMOCRACY—History 352.

Credit, 3 semester hours. Offered in alternate years. Given in 1955-56.

RECENT HISTORY OF EUROPE—History 411, 412.

Credit, 3 semester hours each semester.

The period covered is from 1815 to 1955.

HISTORY OF THE UNITED STATES FROM 1865 TO 1900—History 451.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

HISTORY OF THE UNITED STATES IN THE TWENTIETH CENTURY

—History 452.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

READING AND CONFERENCE—History 491, 492.

Credit, 2 semester hours each semester.

SEMINAR IN HISTORY—History 493, 494.

Credit, 2 semester hours either semester.

THESIS—History 597, 598.

Credit, 4 to 6 semester hours.

HOME ECONOMICS

Mrs. BOWERS, Mrs. HALL

Students who major in home economics may earn the degree of Bachelor of Arts in Home Economics, or Bachelor of Science in Home Economics; for the former, the minor should be in art, biology, economics, English, journalism, foreign language, music, psychology, retailing, or sociology; for the latter, the minor must be in a biological or physical science. Those who wish to qualify to teach will follow the requirements stated by the Education Department.

The major in home economics must include Courses 101, 102, 105, 106, 201, 202, 301, 342, 351, 361, 411, and six additional upper-level hours chosen to develop a concentration in the field. As part, or supplement, of courses needed to meet the general requirements of the College, these subjects from other departments are expected: Art 103, 104; Speech 101 or equivalent; choice of four semester hours from literature courses; English 108, 109; Psychology 201; Economics 101 and Sociology 321.

The following concentrations are offered for students who wish to minor in the department:

HOME ECONOMICS

For a general minor in home economics, Courses 105, 106, 202, 342, 351, 361.

For a minor in clothing and textiles, Courses 101, 102, 105, 106, 315, 422, 477, 478.

For a minor in foods and nutrition, Courses 201, 202, 301, 432, 491.

For a minor in household management and child development, Courses 301, 321, 342, 361, 364, 491.

As preparation for home-making, non-major and non-minor students might elect Courses 105, 106, 201, 202, 301, 342, 351, 361, 364.

Students in Education, fulfilling the requirements for a General Certificate and choosing Home Economics as an Area of Concentration, should complete the following courses in Home Economics: 101, 102, 105, 106, 201, 202, 301, 351, 361, and two upper-level elective hours. Education 459 should also be taken.

TEXTILES—Home Economics 101, 102.

Credit, 2 semester hours each semester.

Study of natural and synthetic fibers; identification of physical and chemical characteristics and manufacturing processes of finished fabrics; field-trips, reports, and care of modern textiles. Two recitations.

CLOTHING CONSTRUCTION—Home Economics 105, 106.

Credit, 2 semester hours each semester.

Selection of suitable design, patterns, and materials applied to the personality and needs of the individual; emphasis on pattern-analysis, sewing techniques and skills. Two two-hour laboratory periods.

MARRIAGE AND THE HOME—Home Economics 121.

See Sociology 121.

FOODS—Home Economics 201, 202.

Credit, 3 semester hours each semester.

Selection, preparation* and service; menu planning and meal service. One recitation, two two-hour laboratory periods.

NUTRITION—Home Economics 301.

Credit, 3 semester hours.

Nutritive value of foods from the standpoint of newer scientific investigation; selection of optimal diet for health; recent trends in American dietary habits. Three recitations.

WEAVING—Home Economics 315.

See Occupational Therapy 315.

THE FAMILY—Home Economics 321.

See Sociology 321.

CHILD DEVELOPMENT—Home Economics 342.

Credit, 3 semester hours. Prerequisite, Psychology 201.

Includes study of the growth and development of the normal pre-school child; observation in nursery-school. Two recitations, one three-hour observation.

RELATED ART—Home Economics 351, 352.

Credit, 3 semester hours each semester. Prerequisite, Art 103, 104.

Includes study of the practical application of art principles to home and personal use. Three recitations.

HOUSEHOLD MANAGEMENT—Home Economics 361.

Credit, 3 semester hours.

Use of family resources, time, energy, money, mental and spiritual abilities in attaining desired values for the family and the individual.

HOUSEHOLD EQUIPMENT—Home Economics 364.

Credit, 2 semester hours. Offered in alternate years. Given in 1956-57.

Selection, arrangement, operation and care of household equipment. One lecture and one two-hour laboratory period.

ESSENTIALS OF INTERIOR DESIGN—Home Economics 411.

See Art 411.

INTERIOR DESIGN (ADVANCED)—Home Economics 414.

See Art 414.

TAILORING—Home Economics 422.

Credit, 2 semester hours. Prerequisite, Courses 105, 106.

Principles of tailoring; planning and constructing of coats and suits. Two two-hour laboratory periods.

ADVANCED FOOD PREPARATION—Home Economics 432.

Credit, 2 semester hours. Prerequisite, Courses 201, 202.

Study of food from historical, social and economic viewpoints; foreign food; techniques of demonstration.

TEXTILE DESIGN—Home Economics 477, 478.

See Art 477, 478.

DIRECTED STUDY AND CONFERENCE—Home Economics 491, 492.

Credit and time to be arranged.

Individual study, reading, written reports and conferences.

LATIN

INTERMEDIATE—Latin 201, 202.

Credit, 3 semester hours each semester.

Reading from Cicero and Vergil, and review of grammar and syntax. Open to students who have had two years of secondary-school Latin.

MATHEMATICS

MATHEMATICS

Professors GOMAN, CARRUTH, LANTZ; Mr. HAYNES

A major in mathematics must include Courses 101, 102, 201, 202 and at least twelve upper-level hours.

A minor will consist of Courses 101, 102, 201, 202.

INTRODUCTION TO COLLEGE MATHEMATICS—Mathematics 101.

Credit, 4 semester hours.

Algebra, logarithms, ratio, proportion, binomial theorem, graphing, determinants, probability, and elementary function theory.

INTRODUCTION TO COLLEGE MATHEMATICS—Mathematics 102.

Credit, 4 semester hours. Prerequisite, Course 101.

Trigonometry, analytic geometry both plane and solid.

MATHEMATICS OF FINANCE—Mathematics 115.

See Business Administration 115.

ENGINEERING PROBLEMS—Mathematics 121.

Credit, 3 semester hours.

Slide rule, various types of force systems, graphic and analytical methods for determining stress, centroids and moments of inertia.

ENGINEERING DRAWING—Mathematics 124.

Credit, 3 semester hours. Prerequisite, elementary algebra and plane geometry.

CALCULUS—Mathematics 201.

Credit, 5 semester hours. Prerequisite, Course 102.

Differentiation and integration, with applications.

CALCULUS (CONTINUED)—Mathematics 202.

Credit, 5 semester hours. Prerequisite, Course 201.

Various special methods of integration, indeterminate forms, infinite series, hyperbolic functions and multiple integrals.

DESCRIPTIVE GEOMETRY AND ENGINEERING DRAWING

—Mathematics 221.

Credit, 3 semester hours. Prerequisite, Courses 101, 102, 124.

SURVEYING—Mathematics 224.

Credit, 3 semester hours. Prerequisite, Course 102.

The use of surveying instruments, basic computations, methods and procedures of U.S. public land surveys.

ORDINARY DIFFERENTIAL EQUATIONS—Mathematics 301.

Credit, 3 semester hours. Prerequisite, Course 202.

PARTIAL DIFFERENTIAL EQUATIONS—Mathematics 302.

Credit, 3 semester hours. Prerequisite, Course 301.

THEORY OF EQUATIONS AND DETERMINANTS—Mathematics 331.

Credit, 3 semester hours. Prerequisite, Course 201, or permission of the instructor.

INTRODUCTION TO HIGHER ALGEBRA—Mathematics 334.

Credit, 3 semester hours. Prerequisite, Course 202, or permission of the instructor.

ELEMENTS OF STATISTICS—Mathematics 371.

Credit, 2 semester hours. Required for psychology and sociology majors.

ADVANCED CALCULUS—Mathematics 401, 402.

Credit, 3 semester hours each semester. Course 202 is prerequisite to 401, and 401 to 402.

VECTOR ANALYSIS—Mathematics 431.

Credit, 3 semester hours. Permission of the instructor.

INTRODUCTION TO MATHEMATICAL STATISTICS—Mathematics 434.

Credit, 3 semester hours. Prerequisite, Course 202.

INDEPENDENT STUDY—Mathematics 491, 492.

Credit, 2 to 4 semester hours. Open only to qualified students.

SEMINAR—Mathematics 493, 494.

Credit, 2 semester hours.

MUSIC

Professors RODGERS, JACOBSEN, RASMUSSEN, VAUGHT, COWELL,
OSTRANSKY; Miss MYLES

The College of Puget Sound is a Member of the National Association of Schools of Music.

The Department of Music offers courses leading to either the Bachelor of Arts degree with a major in music or the Bachelor of Music degree.

The Department sponsors the following activities: Adelphian Concert Choir, of thirty-five mixed voices, admittance being by audition only; College Madrigal Singers, of sixteen mixed voices, specializing principally in performance of vocal music of the 16th and 17th centuries; College of Puget Sound Symphony Orchestra, whose membership consists of college students and residents of the community; Tacoma Choral Society, a large mixed chorus drawing its membership from college students and residents of the surrounding area, performing large choral works with the symphony orchestra, including the annual performance of "The Messiah" at Christmas time; Concert Band; Regimental Band; Workshop Band; Opera Workshop; small vocal and instrumental ensembles; concerts and recitals by faculty, visiting artists and students.

All students who are minors in music are expected to attend a majority of the concerts (faculty, visiting artist and student) sponsored

MUSIC

by the Department of Music. All students who are music majors (Bachelor of Arts or Bachelor of Music) are required to attend a majority of such concerts and recitals.

The following curricula are offered to fulfill the minimum music requirements of the Bachelor of Music degree:

	Semester Hours
Bachelor of Music, with Major in Cello or Violin:	
Violin or Cello ⁽¹⁾	32
2 lessons per week, 3 or more hours of practice daily, 4 credits per semester.	
Piano	4
Theory 101, 102; 201, 202; 301, 302; 305, 306a.....	26
Music Literature 303, 304	6
Conducting 307, 308	4
Ensembles ⁽²⁾	4
Music Electives	4
	<hr/> 80
Bachelor of Music, with Major in Organ:	
Organ ⁽¹⁾	32
2 lessons per week, 3 or more hours of practice daily, 4 credits per semester.	
Piano ⁽³⁾	4
Theory 101, 102; 201, 202; 301, 302; 305, 306a.....	26
Music Literature 303, 304	6
Conducting 307, 308	4
Ensembles	2
Music Electives, must include 4 hours of music literature.....	6
	<hr/> 80
Bachelor of Music, with Major in Voice:	
Voice ⁽¹⁾	32
2 lessons per week, 2 or more practice hours daily, 4 credits per semester.	
Piano	4
1 lesson per week, 1 credit per semester.	
Theory 101, 102; 201, 202; 301, 302	20
Music Literature 103, 104; 303, 304	10
Conducting 307, 308	4
Ensemble ⁽²⁾	4
Music Electives	6
	<hr/> 80

(1) Up to 6 credit hours may be waived by special examination.

(2) Ensemble required each semester of residence.

(3) Unless waived by special examination.

	Semester Hours
Bachelor of Music, with Major in Piano:	
Piano ⁽¹⁾	32
2 lessons per week, 3 or more hours practice daily, 4 credits per semester.	
Theory 101, 102; 201, 202; 301, 302; 305, 306a.....	26
Music Literature 303, 304	6
Conducting 307, 308	4
Ensembles, Piano Ensemble and other ensembles.....	4
Accompanying 251, 252	2
Music Electives	6
	<hr/>
	80
Bachelor of Music, with Major in Theory and Composition:	
Applied Music ⁽⁴⁾	16
2 lessons per week, 1 or more hours of practice daily, 2 credits per semester.	
Theory 101, 102; 201, 202; 301, 302; 305, 306a; 401, 402	34
Music Literature 103, 104; 303, 304	10
Conducting 307, 308	4
Ensembles	6
Music Electives, must include other theoretical studies under 501, 502	10
	<hr/>
	80
Bachelor of Music, with Major in Music Education:	
Applied Music (Major Instrument)	6
1 lesson per week, 1 or more hours of practice daily, 1 credit per semester.	
Applied Music (Minor Instrument) ⁽⁵⁾	2
1 lesson per week, 1 or more hours of practice daily, 1 credit per semester.	
Theory 101, 102; 201, 202; 305, 306b	22
Music Literature 303, 304	6
Conducting 307, 308	4
Ensemble ⁽⁶⁾	6
Music Education 279; 280; 377, 378; 379; 479; 480.....	9
	<hr/>
	55

(4) At least 8 credits must be taken in piano unless waived by special examination. Applied music to continue throughout the 4 years. At least one semester each in the study of 3 orchestral instruments to include one instrument in each section of the orchestra—i.e., strings, woodwinds, and brass.

(5) Generally piano, except when piano is the major instrument.

(6) At least one major ensemble (Band, Orchestra, Chorus) must be taken each semester. Instrumental majors are required to take at least two consecutive semesters of chorus. Additional ensembles, without credit, may be required at the discretion of the Head of the Department.

MUSIC

(The student in Music Education will select his minor teaching field from a combination of any two of the following for a minimum of 16 semester hours credit: Art, English, History, Science—Physical or Biological. He will be required to fulfill the following Education requirements: Education 301, 302, 401, 402. In addition to specific College requirements the student will also be required to take Art 101, 461; Speech 101; Health and P.E. 265, 266.)

The curricula for a major or minor in music with a Bachelor of Arts degree are:

	Semester Hours
Music Major for the Bachelor of Arts:	
Applied Music	8
1 lesson per week, 1 or more hours of practice daily, 1 credit per semester.	
Theory 101, 102	8
Music Literature 103, 104; 303, 304; 431, 432; or 433, 434	14
Music Electives	4
	<hr/>
	34
Music Minor for the Bachelor of Arts:	
Applied Music	4
Music Literature 103, 104	4
Music Electives, including 2 upper-level hours.....	8
	<hr/>
	16

The courses are arranged in groups under the headings of theory, history and literature, choral and ensemble courses, applied music, and public school music.

I. THEORY

FIRST-YEAR THEORY—Music 101, 102.

Credit, 4 semester hours each semester. Course 101 is a prerequisite for 102.

Fundamentals of musicianship developed through a correlation of aural, visual, manual and vocal experience based on the major and minor scales and major and minor triads, inverted and uninverted. Special emphasis placed on rhythmic, melodic and harmonic dictation; sight-singing; elementary written and keyboard harmony. Five periods weekly, extra aural drill as required.

SECOND-YEAR THEORY—Music 201, 202.

Credit, 4 semester hours each semester. Prerequisite, Courses 101, 102.

A continuation of the fundamental approach of Courses 101, 102. Analysis of chorales; study and dictation of 7th chords, altered chords, augmented 6th chords and modulation. Emphasis placed on 4-part harmonic dictation; melodic dictation involving modulation, chromatic and modal melodies. Second semester devoted principally to the study and writing of counterpoint based on the contrapuntal technique of the 18th century. Five periods weekly plus one weekly period of aural drill.

ANALYSIS OF FORM AND TEXTURE IN MUSIC—Music 301, 302.

Credit, 2 semester hours each semester. Prerequisite, Courses 201, 202.

Analytical technique involving the smaller forms of musical composition as well as the variation, rondo and sonata-allegro forms. Second semester includes writing of original compositions based upon the material of the first semester. Two periods weekly.

ORCHESTRATION—Music 305.

Credit, 3 semester hours. Prerequisite, Courses 201, 202.

Study of instrumentation; scoring for classical and romantic orchestra. Three periods weekly. Attendance at certain orchestra and band rehearsals required.

ORCHESTRATION (FOR BACHELOR OF MUSIC STUDENTS OTHER THAN MUSIC EDUCATION MAJORS)—Music 306a.

Credit, 3 semester hours. Prerequisite, Course 305.

Scoring for the modern orchestra, and of original compositions. Three periods weekly. Attendance at certain orchestra rehearsals required.

BAND ARRANGING (FOR MUSIC EDUCATION MAJORS)—Music 306b.

Credit, 3 semester hours. Prerequisite, Course 305.

Principles of arranging and scoring for wind-based ensembles such as school regimental and symphonic bands with special emphasis on problems of arranging for groups of limited ability. Three periods weekly. Attendance at certain band rehearsals required.

MODERN DANCE-BAND ARRANGING—Music 311, 312.

Credit, 3 semester hours each semester. Prerequisite, Courses 201, 202, or permission of Head of the Department.

Arranging of standard popular music for large dance-band. Three periods weekly.

COMPOSITION—Music 401, 402.

Credit, 4 semester hours each semester. Prerequisite, Courses 301, 302.

A continuation of creative expression in the larger forms through writing for various instrumental media, solo and ensemble. Three periods weekly.

MUSIC AS THERAPY—Music 414.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

(1) How the techniques of music may be manipulated or controlled for a given purpose. (2) Study of people's conditions and attitudes as envisioned for clinical treatment. (3) The knowledge available for combining (1) and (2) for application to specific ends.

II. HISTORY AND LITERATURE

INTRODUCTION TO MUSIC LITERATURE—Music 103, 104.

Credit, 2 semester hours each semester.

A non-technical study of the development of music, stressing the elements of musical understanding; study of representative compositions, with emphasis on their musical and historical importance. Two lecture periods weekly. Attendance at certain concerts required.

HISTORY OF MUSIC IN WESTERN CIVILIZATION—Music 303, 304.

Credit, 3 semester hours each semester. Admission only with approval of the instructor.

A survey of the history of music from primitive times to the present with special emphasis on the stylistic and formal developments of music and the important movements in the history of music. Three lecture periods weekly and one listening period.

SURVEY OF RENAISSANCE MUSIC (1300-1600)—Music 431.

Credit, 2 semester hours. Prerequisite, Courses 103, 104 or 303, 304. Offered in alternate years. Given in 1956-57.

A survey of music from the time of Jacopo da Bologna and Machaut to Monteverdi showing the development of musical texture, forms and compositional techniques. Two lecture periods weekly and one listening period.

SURVEY OF BAROQUE MUSIC (1600-1750)—Music 432.

Credit, 2 semester hours. Prerequisite, Courses 103, 104 or 303, 304. Offered in alternate years. Given in 1956-57.

A survey covering the periods from Monteverdi to J. S. Bach, stressing the development of the fugue, suite, opera, oratorio, concerto, cantata, etc. Two lecture periods weekly and one listening period.

SURVEY OF CLASSIC AND ROMANTIC MUSIC (1730-1900)—Music 433.

Credit, 2 semester hours. Prerequisite, Courses 103, 104 or 303, 304. Offered in alternate years. Given in 1955-56.

A survey covering the period from the pre-classical composer Porpora to Debussy, including a brief study of the writings of Mozart and Haydn and of the early influences which brought on the Romantic movement. Lives and works of Beethoven, Berlioz, Wagner, Verdi and their contemporaries are discussed. Two lecture periods weekly and one listening period.

SURVEY OF CONTEMPORARY MUSIC (1900-)—Music 434.

Credit, 2 semester hours. Prerequisite, Courses 103, 104 or 303, 304. Offered in alternate years. Given in 1955-56.

A survey of styles and trends in contemporary music from Debussy and impressionism to recent developments. Two lecture periods weekly and one listening period.

SPECIAL STUDIES—Music 501, 502.

Credit, 1 or 2 semester hours each semester. Permission of Head of the Department required.

Designed to offer advanced music students the opportunity to do individual study, under faculty supervision, in areas in which the student shows exceptional aptitude and keen interest.



THE MUSIC BUILDING

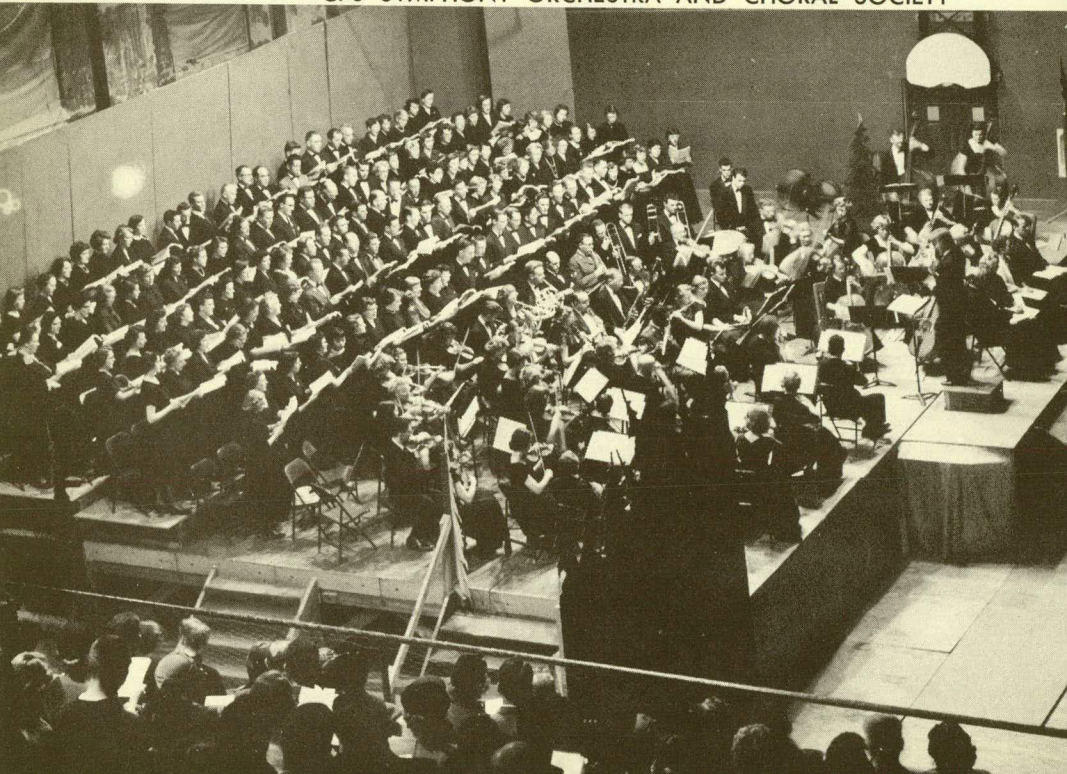
ADELPHIAN CONCERT CHOIR





CARILLON KEY BOARD

CPS SYMPHONY ORCHESTRA AND CHORAL SOCIETY



III CONDUCTING, CHORAL, INSTRUMENTAL, ENSEMBLE AND PEDAGOGY CLASSES

ACCOMPANYING—Music 251, 252.

Credit, 1 semester hour each semester. Permission of instructor required.

Designed to give pianists the opportunity to accompany vocalists and instrumentalists under faculty supervision.

CONDUCTING—Music 307, 308.

Credit, 2 semester hours each semester.

PIANO ENSEMBLE—Music 351.

Credit, 2 semester hours each semester.

PIANO PEDAGOGY—Music 451, 452.

Credit, 2 semester hours each semester. Permission of instructor required.

OPERA WORKSHOP—Music 453, 454.

Credit, 2 semester hours each semester. Permission of instructor required.

BAND

Credit, 1 semester hour each semester.

B169, B170; B269, B270; B369, B370; B469, B470. First, second, third and fourth years of College Band.

ORCHESTRA

Credit, 1 semester hour each semester.

O169, O170; O269, O270; O369, O370; O469, O470. First, second, third and fourth years of College Symphony Orchestra.

SMALL ENSEMBLE

Credit, 1 semester hour each semester.

S169, S170; S269, S270; S369, S370; S469, S470. First, second, third and fourth years of Small Ensemble (Instrumental or Vocal).

WORKSHOP BAND

Credit, 1/2 semester hour each semester.

W169, W170; W269, W270; W369, W370; W469, W470. First, second, third and fourth years of College Workshop Band.

CHORAL SOCIETY

Credit, 1 semester hour each semester.

C169, C170; C269, C270; C369, C370; C469, C470. First, second, third and fourth years of Choral Society.

MADRIGAL SINGERS

Credit, 1 semester hour each semester. Permission of instructor required.

M169, M170; M269, M270; M369, M370; M469, M470. First, second, third and fourth years of College Madrigal Singers.

ADELPHIAN CONCERT CHOIR

Credit, 2 semester hours each semester. Admission by audition only. Daily rehearsals of 50 minutes.

271, 272; 371, 372; 471, 472; 571, 572. First, second, third and fourth years of Adelphian Concert Choir.

IV. PUBLIC SCHOOL MUSIC

The aim of the curriculum in public school music is to prepare the student to teach and supervise music in the public schools. He must have broad, sound musicianship, knowledge of the subject-matter, skill in musical expression, and ability to adapt himself to the scholastic and community situations.

FUNDAMENTAL MUSIC EXPERIENCES—Music 177.

Credit, 2 semester hours. Required for teaching certificate.

A course designed to give experience in the major music activities in a public school music program and to lead to a working knowledge of music fundamentals.

METHODS OF TEACHING BRASS AND PERCUSSION INSTRUMENTS

—Music 279.

Credit, 1 semester hour.

Laboratory classes in the playing, teaching methods and materials of all brass and percussion instruments.

METHODS OF TEACHING WOODWIND INSTRUMENTS—Music 280.

Credit, 1 semester hour.

Laboratory classes in the playing, teaching methods and materials of all woodwind instruments.

ELEMENTARY SCHOOL MUSIC AND VOCAL METHODS—Music 377, 378.

Credit, 2 semester hours each semester. Prerequisite, Course 177. (Music Majors are exempt from 177.)

The organization of the music program for the elementary school. A study of methods of teaching and the materials for a vocal program and for the elementary rhythmic band.

METHODS OF TEACHING STRING INSTRUMENTS—Music 379.

Credit, 1 semester hour.

Laboratory classes in the playing, teaching methods and materials of the violin, viola and bass.

CHORAL TECHNIQUE—Music 479.

Credit, 1 semester hour.

Class study of the organization, rehearsal techniques, and materials for all types of vocal ensembles.

BAND TECHNIQUE—Music 480.

Credit, 1 semester hour.

Class study of the organization, rehearsal techniques, and materials for all levels of band: concert, elementary and marching.

V. APPLIED MUSIC

Private. Hours to be arranged with the instructor. Credit according to the number of lessons per week and the number of practice hours per day. Use the following system of numbers in registration:

Organ: 189, 190; 289, 290; 389, 390; 489, 490; 589, 590, for first, second, third, fourth, or fifth year.

Piano: 191, 192; 291, 292; 391, 392; 491, 492; 591, 592, for first, second, third, fourth, or fifth year.

String Instruments: 193, 194; 293, 294; 393, 394; 493, 494; 593, 594, for first, second, third, fourth, or fifth year.

Voice: 195, 196; 295, 296; 395, 396; 495, 496; 595, 596, for first, second, third, fourth, or fifth year.

Wind Instruments: 197, 198; 297, 298; 397, 398; 497, 498; 597, 598, for first, second, third, fourth or fifth year.

Students may enroll for private lessons at any time. No student will be accepted for less than eight lessons unless by special arrangement with the Head of the Department. All fees must be paid in advance. No deduction in fees can be made for absences from lessons unless such absences are due to illness.

OCCUPATIONAL THERAPY

Professor BOWING; Miss JOHNSON

The Department of Occupational Therapy was established at the College of Puget Sound in 1944 through the sponsorship of the Washington Tuberculosis Association. The curriculum of the department has been fully approved since 1947 by the American Medical Association and the American Occupational Therapy Association. Graduates of the department now occupy positions in army and veterans hospitals, as well as in civilian tuberculosis sanatoria, psychiatric hospitals, general and orthopedic hospitals, community workshops, rehabilitation centers and schools for crippled children.

Occupational Therapy is the science and art of employing selected activities in a medically-prescribed rehabilitation program for the sick, injured and disabled. Typically, the occupational therapist works with his hands as well as his mind, as the treatment "tools" of the occupational therapist are the creative and manual arts, recreational and educational activities, and activities of daily living. Supervisory and administrative positions particularly call for a high degree of initiative and resourcefulness because of the rapid growth and continued development of the profession.

OCCUPATIONAL THERAPY

Previous to World War II, occupational therapy was predominately a profession for women, but the last decade has brought increasing demands for men therapists.

Because occupational therapy is a medical-service profession, the College must reserve the right to close the course at any time to a student deemed scholastically, physically or emotionally unfit for the profession. Students who wish to enter the course should make application to the Director of Admissions, College of Puget Sound. The application should clearly state that the student is applying for admission to the occupational therapy course so that the particular requirements of the course are considered. All transfer students or students past the usual college entrance age will be asked to take a series of vocational aptitude tests before final acceptance in the course, in addition to providing information through personal interviews, college transcripts and letters of reference.

Fees for occupational therapy students are the same as for other students in the College with the addition of a \$100 professional fee to defray in part the cost of the clinical-training program. Unless otherwise arranged this fee is billed to the student during his last four semesters in residence at the College.

Inquiries regarding general scholarships for entering freshmen should be directed to the Registrar of the College. Special occupational therapy scholarships, grants and loans are available through the College, but are reserved for students who have been in residence for at least one semester. Other occupational therapy scholarships are occasionally available for entering students through community organizations which sponsor health-service programs. The Director of Occupational Therapy will supply any available information on request.

The following three programs of study are offered:

1. **THE DEGREE COURSE:** Students may enter this course in their freshman year in college. The degree, Bachelor of Science in Occupational Therapy, is awarded at the end of the senior year when the student has completed the college requirements for the academic degree as well as the professional course. Students in this course are usually advised to complete a minor in psychology, but the Director of Occupational Therapy will approve a minor in another suitable field of study, such as music, recreation, education, or industrial arts. The following outline of courses is intended as a guide. All programs of study are planned or approved by the Director according to individual needs and interest of the student and the minimum curriculum-essentials established by the Council on Medical Education and Hospitals of the American Medical Association.

Art 103, 104, 238, 247.
 Biology 101, 102, 221, 222.
 Home Economics 342.
 O.T. Skills 181, 182, 214, 215, 315, 317.
 O.T. Theory 101, 104, 211, 301, 304, 312, 401, 402.
 O.T. Medical Science and Clinical Subjects 377, 378, 459, 460, 470.
 Psychology 201, 311.
 Sociology 201.
 Plus: College requirements for a bachelor's degree.
 Electives in O.T. skills from other departments in College.
 Electives.

2. **ADVANCED-STANDING COURSE:** This program is open only to graduates of institutions of higher learning or of nursing or physical therapy schools. The course must be started with the summer session unless the student has recently completed certain of the professional courses. Total time in residence is usually one summer session plus the regular academic year.
3. **SPECIAL COURSE:** This course requires approximately three years of college-level work. The student in this course completes all professional course-requirements but does not complete the requirements for the academic degree. Admission to the course is granted only to specially qualified applicants.

The instruction in clinical subjects is given by qualified physicians under the guidance of a *Medical Advisory Board* composed of physicians from the Pierce County Medical Society. Through cooperation of the participating physicians and local hospitals, the students receive part of this instruction in special clinics that are held in the hospitals. All under-graduate occupational therapy students combine their theoretical studies in the college classrooms with observation of actual treatment of patients in local occupational therapy departments through the cooperation of members of the Washington Occupational Therapy Association, and local hospitals and schools.

All students in occupational therapy register for nine to twelve months of clinical training when they complete their academic preparation in residence at the College. This clinical training, or internship, is arranged by the Director of Occupational Therapy. Each student trains in three or four different types of hospitals and rehabilitation clinics where he has an opportunity for actual experience in the planning and administering of occupational therapy treatment under the careful guidance and supervision of experienced occupational therapists. The student can either take all of his clinical training in Washington and Oregon, or he can combine travel with study and choose from more than twenty hospitals and clinics in the continental United States, Hawaii and Canada which are affiliated with the College. As most of the

OCCUPATIONAL THERAPY

institutions affiliated with the College provide full maintenance for the occupational therapy students in training, the principal expense is transportation.

Students who enroll in the degree course by the end of the sophomore year (with proper prerequisites) may choose to take three months of their clinical training in the summer months between the junior and senior year and may thus shorten the internship period required after graduation.

On satisfactory completion of both the academic preparation and the clinical training, the College awards the Certificate in Occupational Therapy. This certificate is not an academic degree, but is a statement from the College which certifies that the student has satisfactorily completed the minimum curriculum-essentials as established by the Council on Hospitals and Education of the American Medical Association. When the student has received the certificate, he is then eligible to take the National Registration Examination which is given biannually at the College by the American Occupational Therapy Association.

The following courses are required for the occupational therapy major; and a grade of C or better must be earned in them: Anatomy, Physiology, Kinesiology, General Psychology, General Sociology and Abnormal Psychology.

Occupational Therapy 101, 104, 211, 301, 304, 312, 401, 402, 459, 460, 470 are professional courses open only to department majors. Occupational Therapy 181, 182, 214, 215, 315, 317 are open to any student in the College, but first preference for registration must be given to department majors.

INTRODUCTION TO OCCUPATIONAL THERAPY—Occupational Therapy 101.
Credit, 1 semester hour.

A study of the history and development of occupational therapy, with slides and films used to portray current trends in treatment. Introduction to basic professional ethics and elementary professional terminology.

ORIENTATION—Occupational Therapy 104, 211, 312.
Credit, 1 semester hour each semester.

Thirty hours each semester in occupational therapy departments of local hospitals and schools, with instruction and supervision of volunteer experience by registered occupational therapists.

RECREATIONAL CRAFTS—Occupational Therapy 181, 182.
Credit, 2 semester hours each semester.

Survey of minor crafts with emphasis on their practical application in occupational therapy and recreation programs.

LEATHER AND BASKETRY—Occupational Therapy 214.
Credit, 2 semester hours.

Basic techniques in leather-tooling, carving, and project-construction. Basic techniques in basketry-construction with cane and reed.

NEEDLECRAFTS—Occupational Therapy 215.

Credit, 2 semester hours.

Survey of the basic needlecrafts used in occupational therapy programs.

METALWORK—Occupational Therapy 238.

See Art 238.

INTERMEDIATE THEORY—Occupational Therapy 301.

Credit, 1 semester hour.

Introduction to general techniques of professional treatment, study of medical and professional terminology.

OCCUPATIONAL THERAPY IN PSYCHIATRY—Occupational Therapy 304.

Credit, 1 semester hour.

A study of techniques of occupational therapy treatment specifically related to the mentally-ill patient.

WEAVING—Occupational Therapy 315.

Credit, 3 semester hours.

Study of basic techniques of harness-loom weaving. Students set up and weave samples of a wide variety of conventional weaves which have specific application in occupational therapy treatment.

WOODWORKING—Occupational Therapy 317.

Credit, 3 semester hours.

Construction of assigned projects which are selected to give a basic elementary knowledge of a wide variety of woodworking techniques with hand and power tools. Includes an elementary study of plastics.

SPECIAL PROBLEMS—Occupational Therapy 340.

Credit, 1 or 2 semester hours.

Special programs for the advanced student.

KINESIOLOGY—Occupational Therapy 377, 378.

Credit, 3 semester hours first semester, 2 semester hours second semester. Prerequisite, Biology 221, 222.

The course is designed particularly for majors in physical education and occupational therapy. The first semester course includes a detailed study of skeletal muscles. The second semester includes a study of the mechanics of human motion and an analysis of activities of athletics and daily living.

ADVANCED THEORY—Occupational Therapy 401, 402.

Credit, 2 semester hours first semester, 3 semester hours second semester.

A study of specific techniques of occupational therapy treatment in all disability-fields except psychiatry. Includes a study of teaching-skills, principles of departmental organization and administration, principles of personnel supervision and professional reporting as related to the occupational therapy field.

PHILOSOPHY

MUSIC AS THERAPY—Occupational Therapy 414.

See *Music 414*.

CLINICAL SUBJECTS—Occupational Therapy 459, 460.

Credit, 5 semester hours first semester, 3 semester hours second semester.

Lectures and clinics covering the medical fields: neurology (including neuroanatomy), psychiatry, general medicine and surgery, orthopedics, pediatrics and tuberculosis.

REHABILITATION OF THE HANDICAPPED—Occupational Therapy 470.

Credit, 2 semester hours.

Principles and practice of rehabilitation in all disability fields. Guest lecturers, field trips and motion pictures.

CLINICAL AFFILIATION—Occupational Therapy 500.

Credit, 24 semester hours.

Not less than twelve months of hospital internship in selected and approved medical hospitals, rehabilitation centers and community workshops. Three months may be taken in psychiatry between the junior and senior years.

PHILOSOPHY

Professors REGESTER, MAGEE

A major should include Courses 205, 206, 263, 264, 307 and 371. In addition to the course-requirement, an examination in the senior year in a list of basic philosophic writings prescribed by the department will be expected.

A minor should include Courses 205, 206, 263, 307 and 371.

No course before 264 has a prerequisite.

A good knowledge of psychology and of a natural science is expected of majors and minors in the department.

INTRODUCTION TO PHILOSOPHY—Philosophy 204.

Credit, 3 semester hours.

A course suitable for beginners in the subject and for those who desire a general cultural acquaintance with the nature and place of philosophy in human thought, its chief problems and achievements, and its significant thinkers.

HISTORY OF PHILOSOPHY—Philosophy 205, 206.

Credit, 3 semester hours each semester.

The history of man's attempt to secure a rational interpretation of the universe and of his relation to it and to his fellowmen. The first semester covers the period from the rise of Greek Philosophy through the Middle Ages; the second semester continues the study from the Renaissance to contemporary time.

THE PRINCIPLES OF REASONING—Philosophy 263, 264.

Credit, 2 semester hours each semester. Course 263 is prerequisite to 264.

A study of the methods of inquiry which lead to reliable knowledge. Attention is given to common fallacies, formal reasoning, inductive procedures in the natural and social sciences, semantics, and a logic of evaluation.

CONTEMPORARY PHILOSOPHY—Philosophy 307.

Credit, 3 semester hours. Open only to students who have had history of philosophy. Offered in alternate years. Given in 1956-57.

A consideration of the problems which occupy the center of interest in present philosophical speculation and of the trend of thought in modern philosophy.

PHILOSOPHICAL STUDIES—Philosophy 331, 332.

Credit, 2 semester hours in a semester.

Under these numbers there will be offered on occasion, in either classroom or seminar manner, philosophical subjects which are not annually repeated.

ETHICS—Philosophy 371.

Credit, 3 semester hours.

A study is made of the chief ethical problems and systems of moral theory.

SOCIAL ETHICS—Philosophy 372.

Credit, 3 semester hours. Offered in alternate years. Given in 1955-56.

An application of the principles of ethics to modern social problems.

HISTORY OF POLITICAL AND SOCIAL PHILOSOPHY—Philosophy 475, 476.

See Political Science 475, 476.

PHILOSOPHIES OF THE MODERN SOCIAL CRISIS—Philosophy 479.

Credit, 2 semester hours.

An analysis of the major philosophic contributions to an understanding of the crisis through which modern man is passing.

PHILOSOPHY OF RELIGION—Philosophy 482.

See Religion 482.

READING IN PHILOSOPHY—Philosophy 491, 492.

Credit and time to be arranged. Open only to advanced students with the approval of the instructor.

Individual study on selected topics, with reading, written reports, and conferences.

PHILOSOPHY OF EDUCATION—Philosophy 516.

See Education 516.

PHYSICAL EDUCATION, HEALTH AND RECREATION

Professors HEINRICK, BOND; *Mr.* HEMEL, *Mr.* THOMAS LANTZ

Each applicant for admission to the College is required to furnish a report of a physical examination. A form for this report is provided when an application is first received. Some health examinations are given students periodically by the college physician and staff.

Consultation with the doctor and health advice are available to students without cost. The College does not maintain an infirmary, however, or provide medical service in illness.

Provisions are made in the physical-education program for each student to participate in team games with fellow students of his own ability and to develop skills in sports which can be carried on after college. Voluntary participation of every student in some intramural, class or varsity sport each semester is encouraged.

At least five semesters of physical education activity must be taken by all students.

A major in physical education for men must include Courses 121, 124, 265, 268, 331, 332, 372, 377, 378 and 385.

A major in physical education for women must include Courses 63, 66, 71, 83, 84, 142, 241, 265, 268, 341, 342, 348, 367, 372, 377, 378, and 459 or Education 402.

Students who expect to major in physical education must complete Courses 101, 102, 105, 221, 222, and 242 or 246 in the Biology Department. Requirements in Education for certification to teach in the public schools are listed under the subject of Education. Practice-teaching should be done in an academic subject as well as in physical education.

A minor in physical education for men must include Courses 105, 121, 124, 268 and 372.

A minor in physical education for women must include Courses 63, 66, 105, 142, 241, 341, 342, 372, and two additional hours.

A minor in recreation must include Art 101 or 103; Music 177; Physical Education 181 or 182, 186 and 385; Psychology 201; and Speech 379. The student's program should be planned in consultation with the Instructor in Recreation. Suggested recreational skills to be acquired are arts and crafts, games and sports, dancing, dramatics, music, and social recreation.

I. COURSES FOR MEN

FIRST-YEAR ACTIVITY—Physical Education 1, 2.

Credit, 1 semester hour each semester. Required of all freshmen.

This course is intended to introduce the student to a range of activities with both immediate and continued recreational interest and physical value.

SECOND-YEAR ACTIVITY—Physical Education 3, 4.

Credit, 1 semester hour each semester.

A student is to take part in any two of the sports listed below:

- *Golf
- Tennis
- Volleyball
- Badminton
- Activities (Horseshoes, handball, and table tennis.)
- Posture (required of those who need this attention.)
- *Skiing
- Square Dancing

THIRD-YEAR ACTIVITY—Physical Education 5.

Credit, 1 semester hour each semester.

A student is to take part in two activities in which he did not participate in the second year.

RESTRICTED ACTIVITY—Physical Education 13, 14.

Credit, 1 semester hour each semester.

Corrective work involving prescribed and restricted exercises for students for whom the health examination shows need of precaution in exercise or of special corrective work.

INTERCOLLEGIATE SPORTS PROGRAM—Physical Education 21 to 29.

Credit, 1 semester hour each semester.

The practice of an intercollegiate sport throughout its entire season by a member of a varsity squad who is eligible to participate in athletics under the regulations of the College may be substituted for one semester of the second year of physical education. Not more than one semester of the requirement may be satisfied by a single sport, nor more than three semesters by intercollegiate athletics.

For record this activity should be registered under the following numbers: 21. Football; 22. Baseball; 23. Basketball; 24. Track; 25. Skiing; 26. Golf; 28. Tennis; 29. Wrestling.

SQUARE AND FOLK DANCE—Physical Education 71.

Credit, 1 semester hour.

SKIING—Physical Education 99.

Credit, 1 semester hour.

This course may be taken as one of the required physical-education-activity credits. Lessons by highly qualified instructors over a period of fifteen weeks.

TUMBLING AND APPARATUS—Physical Education 121.

Credit, 2 semester hours.

The techniques of tumbling and apparatus.

*Activities marked with the asterisk are taken outside the College. Arrangements have been made for instruction in technique, methods and understanding of the activities.

PHYSICAL EDUCATION

MINOR SPORTS—Physical Education 124.

Credit, 2 semester hours each semester.

Source materials, theory and practice in secondary school physical education activities—handball, tennis, badminton, tumbling, golf, softball, volleyball, etc.

TRAINING AIDS—Physical Education 227.

Credit, 2 semester hours.

Theory and technique of taping, massaging, and care of muscular bruises.

METHODS OF OFFICIATING SPORTS—Physical Education 234.

Credit, 2 semester hours.

MAJOR SPORTS—Physical Education 331, 332.

Credit, 2 semester hours each semester.

Methods of teaching football and track are covered in the first semester; methods of teaching basketball and baseball, in the second.

PSYCHOLOGY OF ATHLETIC COACHING—Physical Education 437.

Credit, 3 semester hours.

II. COURSES FOR WOMEN

ACTIVITY COURSES—Physical Education 50 to 99.

Credit, 1 semester hour each.

The purpose of these courses is to provide each student with instruction in physical skills which will contribute to a wider recreational interest and participation. Only the courses listed under this section will fulfill the general requirement of five semester hours of physical education.

51. Freshman Orientation.
52. Spring Team Sports.
53. Fall Team Sports, Advanced.
54. Spring Team Sports, Advanced.
61. Badminton and Tennis, Beginning.
62. Badminton and Tennis, Intermediate.
63. Badminton and Tennis, Advanced.
64. Badminton and Archery, Beginning.
65. Badminton and Archery, Advanced.
66. Archery, Beginning.
71. Square and Folk Dance.
72. Modern Dance, Beginning.
73. Modern Dance, Intermediate.
74. Posture Training.
81. *Swimming, Beginning.
82. *Swimming, Intermediate.
83. *Swimming, Advanced.
84. *Life Saving
91. *Bowling, Beginning.
92. *Bowling, Advanced.
93. *Golf, Beginning.
94. *Golf, Advanced.
95. *Riding, Beginning.
96. *Riding, Advanced.
97. *Ice Skating, Beginning.
98. *Ice Skating, Advanced.
99. *Ski Instruction.

*There is a special fee for the marked courses, which are given off campus.

SPRING TEAM SPORTS—Physical Education 142.

Credit, 2 semester hours.

Theoretical and practical treatment of the techniques and rules of basketball, tumbling and softball.

FALL TEAM SPORTS—Physical Education 241.

Credit, 2 semester hours.

Theoretical and practical treatment of the techniques and rules of basketball, volleyball, soccer, hockey and speedball.

METHODS OF TEACHING FALL SPORTS—Physical Education 341.

Credit, 2 semester hours. Prerequisite, Course 241.

The techniques of teaching and officiating hockey, soccer, speedball, volleyball and basketball.

METHODS OF TEACHING SPRING SPORTS—Physical Education 342.

Credit, 2 semester hours. Prerequisite, Course 142.

The techniques of teaching and officiating softball, basketball and individual sports.

METHODS OF TEACHING SWIMMING—Physical Education 348.

Credit, 3 semester hours. Prerequisite, Course 84.

CORRECTIVE PHYSICAL EDUCATION—Physical Education 444.

Credit, 2 semester hours. Prerequisite, Physical Education 377.

Methods of correcting physical defects such as scoliosis, flat feet, faulty postural conditions, etc., through gymnastics.

METHODS IN TEACHING HEALTH AND PHYSICAL EDUCATION

—Physical Education 459.

Credit, 2 semester hours. Prerequisite, a minor in physical education and Education 302.

III. COURSES FOR MEN AND WOMEN

HYGIENE—Physical Education 105.

See *Biology 105*.

HEALTH EDUCATION IN THE SCHOOLS—Physical Education 265.

Credit, 2 semester hours.

For students in education and recreation.

PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL

—Physical Education 266.

Credit, 2 semester hours.

For students in education and recreation.

FIRST AID—Physical Education 268.

Credit, 2 semester hours.

Those completing this course satisfactorily will receive the Standard and Advanced First Aid Certificates issued by the Red Cross.

PHYSICAL EDUCATION

METHODS IN TEACHING SQUARE AND FOLK DANCE

—Physical Education 367.

Credit, 2 semester hours. Prerequisite, Course 71.

PHYSICAL EDUCATION IN THE SECONDARY SCHOOL

—Physical Education 372.

Credit, 3 semester hours.

Methods, principles, organization and administration of physical education at the high school level.

KINESIOLOGY—Physical Education 377, 378.

See Occupational Therapy 377, 378.

TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION

—Physical Education 572.

Credit, 2 semester hours.

This course is designed to familiarize the student with various tests and measurements in the field of physical education.

IV. RECREATION

RECREATIONAL CRAFTS—Physical Education 181, 182.

See Occupational Therapy 181, 182.

PLAYGROUNDS, THEIR ADMINISTRATION AND OPERATION

—Physical Education 186.

Credit, 2 semester hours.

Playground operation with particular emphasis on programs, administration, equipment and supplies, and playground problems. Students taking the course will be eligible for summer work with the Metropolitan Park District of Tacoma.

COMMUNITY RECREATION, A GUIDE TO ITS ORGANIZATION AND ADMINISTRATION—Physical Education 385.

Credit, 2 semester hours.

A course involving teacher-pupils participation through discussion; opportunities for the student to study, evaluate, and discuss recreation as a social force and its organization and administration, and also to work part-time in the public and private agencies of the city.

INTERNSHIP IN MUNICIPAL RECREATION ADMINISTRATION

—Physical Education 581, 582.

Credit, in amount to be arranged, up to 15 semester hours each semester.

This internship is a graduate program. It involves twelve months full-time study and training in all phases of municipal recreation administration with practical field work in connection with the Tacoma School and Park Districts. A certificate is given in evidence of the completion of the program, and the student is qualified for full-time administrative positions in the field of public recreation.

PHYSICS

Professor SEWARD

ELEMENTS OF PHYSICS—Physics 101, 102.

Credit, 3 semester hours each semester.

An elementary course designed especially for home economics, occupational therapy, music, and liberal arts students.

GLASS BLOWING—Physics 194.

See Chemistry 194.

GENERAL PHYSICS—Physics 201, 202.

Credit, 5 semester hours each semester. Not open to freshmen unless they have had high school physics and trigonometry.

This course is required of all majors in a physical science (physics, chemistry, geology, mathematics) and of pre-engineering and pre-medical students.

MECHANICS—Physics 301.

Credit, 4 semester hours. Prerequisite, Courses 201, 202 and Mathematics 202. (Latter may be taken concurrently.) Offered in alternate years. Given in 1955-56.

ATOMIC PHYSICS—Physics 312.

Credit, 4 semester hours. Prerequisite, Courses 201, 202. Offered in alternate years. Given in 1955-56.

ELECTRICITY AND MAGNETISM—Physics 351.

Credit, 4 semester hours. Prerequisite, Courses 201, 202, and Mathematics 202. Offered in alternate years. Given in 1956-57.

LIGHT—Physics 362.

Credit, 4 semester hours. Prerequisite, Courses 201, 202, and Mathematics 202. Offered in alternate years. Given in 1956-57.

ELECTRONICS—Physics 371.

Credit, 4 semester hours. Prerequisite, Courses 201, 202; Course 351 desirable. Offered in alternate years. Given in 1955-56.

BIO-PHYSICS—Physics 382.

Credit, 4 semester hours. Prerequisite, Courses 201, 202. Some knowledge of biology is desirable. Offered in alternate years. Given in 1955-56.

NUCLEAR PHYSICS—Physics 411.

Credit, 3 or 4 semester hours. Prerequisite, Courses 201, 202 and 312. Given according to demand.

SPECTROSCOPY—Physics 422.

Credit, 2 to 4 semester hours. Prerequisite, 15 semester hours of physics. Given according to demand.

POLITICAL SCIENCE

INDEPENDENT STUDY—Physics 491, 492.

Credit, 2 to 4 semester hours.

SEMINAR—Physics 493, 494.

Credit, 2 semester hours either semester.

UNDERGRADUATE THESIS—Physics 497, 498.

Credit, 2 to 4 semester hours.

POLITICAL SCIENCE AND GOVERNMENT

Professors TUDOR, TOMLINSON

Three different programs lead to a major in political science: (1) a general political science program; (2) a special program in international relations; (3) a special program in public administration.

A general major in political science should include Courses 101, 102, 305, 453, 454, and at least two courses from 301, 302, 321, 322, 331, 332. This major should be supplemented with courses from economics, history, philosophy, psychology and sociology.

A major in international relations should include Courses 101, 301, 302, 321, 322, 331 or 332, 453 or 454, and four additional hours from upper-level political science courses, plus twelve hours from Economics 352, 412, Religion 361, Sociology 211, 312, 441.

A major in public administration should include Courses 102, 305, 306, 313, 351, 453 or 454, and six additional hours in upper-level political science courses, plus twelve hours from Business Administration 201, 301, 411, Economics 101, 361, History 151, 152, Philosophy 205, 206, 479, Psychology 201, Sociology 201, 476.

Political Science 121, 122 does not apply on a major or minor.

A minor in political science includes Courses 101, 102, and nine hours of upper-level courses.

AMERICAN NATIONAL GOVERNMENT—Political Science 101.

Credit, 3 semester hours.

A survey of the constitution; three branches of government; administration; civil rights; political parties.

AMERICAN STATE GOVERNMENT—Political Science 102.

Credit, 3 semester hours.

A survey of state constitutions; three branches of government; inter-governmental relations; administration.

CURRENT NATIONAL AND INTERNATIONAL PROBLEMS

—Political Science 121, 122.

Credit, 2 semester hours each semester.

Background and interpretation of events and issues on the national and world scene. Sources of current literature. A course designed to make the general student a better-informed citizen, and to help him understand America's place in international affairs. Recommended for teachers of social studies.

COMPARATIVE GOVERNMENT—Political Science 301, 302.

Credit, 2 semester hours each semester. Offered in alternate years. Given in 1955-56.

A comparative study of selected foreign governments, from both the structural and functional standpoints. Aim of course is to broaden the interest and understanding of the student by acquainting him with the political institutions and methods that differ from those of the United States.

MUNICIPAL GOVERNMENT—Political Science 305.

Credit, 3 semester hours.

City governments and their relations to the state; the rights and liabilities of municipal corporations; pressure groups; detailed analysis of forms of municipal governments. Special attention to Tacoma city government.

PRINCIPLES OF PUBLIC ADMINISTRATION—Political Science 306.

Credit, 3 semester hours.

The principles of public administration, structure and organization, financial management, administrative responsibility and the relation between the administration and other branches of government. Special attention to Tacoma city government.

POLITICAL PARTIES AND PUBLIC OPINION—Political Science 313.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

Nature, functions, and problems of party organization. Study of pressure groups and of their influence on government.

INTERNATIONAL RELATIONS—Political Science 321, 322.

Credit, 3 semester hours each semester.

International rivalry, alliances and power politics; imperialism; geographic, economic, political and population factors affecting the relations of nations. The basic course for a major in international relations.

INTERNATIONAL ORGANIZATION—Political Science 331.

Credit, 3 semester hours.

A basic study of the League of Nations, international courts, the United Nations, North Atlantic Treaty Organization, and plans for other political, military and economic organizations.

AMERICAN FOREIGN POLICY—Political Science 332.

Credit, 3 semester hours.

History of diplomatic relations with foreign countries, negotiations and treaties, with special attention to the role that American policy-makers and diplomats have played in world affairs.

HISTORY OF DEVELOPMENT OF AMERICAN CONSTITUTIONAL LAW

—Political Science 351.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

The development of the basic principles of the American constitutional system of government. Some attention paid to case-method and brief-construction. A course for the general student and for the pre-law student.

PUBLIC FINANCE—Political Science 361.

See Economics 361.

PSYCHOLOGY

HISTORY OF POLITICAL AND SOCIAL THOUGHT

—Political Science 413, 414.

Credit, 3 semester hours each semester.

A study of the major theories which have influenced mankind from the time of Plato to modern times. History 101, 102 are desirable background.

READINGS IN POLITICAL SCIENCE—Political Science 491, 492.

Credit, 3 semester hours.

A course to afford majors an opportunity to read selected books for the purpose of broadening their knowledge and understanding of the general field of political science and of the specific problems of government.

SEMINAR—Political Science 493, 494.

Credit, 3 semester hours each semester.

Seminars in political science will be utilized as demands justify for the purposes of individual projects, group study projects, field work, work shop courses. Admission requires staff approval.

PSYCHOLOGY

Professor OLSON

Course 201 is prerequisite to all other course in the department.

Requirements for a major: Courses 201, 204 or 311, 342, 371, 372, 413 and 414 or 441 and 442, and seven additional hours. A course from Philosophy 204, 205, 206 is also required.

Requirements for a minor: Courses 201, 204 or 311, and nine additional hours. A course from Philosophy 204, 205, 206 is also required.

GENERAL PSYCHOLOGY—Psychology 201.

Credit, 3 semester hours. Given both semesters.

PERSONAL AND SOCIAL ADJUSTMENT—Psychology 204.

Credit, 3 semester hours.

ABNORMAL PSYCHOLOGY—Psychology 311.

Credit, 3 semester hours.

THE PSYCHOLOGY OF PERSONALITY—Psychology 315.

Credit, 3 semester hours.

A study of the development of personality theories and the dynamics of personality development.

CHILD PSYCHOLOGY—Psychology 325.

Credit, 2 semester hours. Offered in alternate years. Given in 1955-56.

PSYCHOLOGY OF ADOLESCENCE—Psychology 326.

Credit, 2 semester hours. Offered in alternate years. Given in 1955-56.

HISTORY OF PSYCHOLOGY—Psychology 342.

Credit, 3 semester hours. Offered in alternate years. Given in 1955-56.

HUMAN RELATIONS IN INDUSTRY—Psychology 351.

Credit, 2 semester hours. Offered in alternate years. Given in 1956-57.

PSYCHOLOGY OF RELIGION—Psychology 364.

See Religion 364.

ELEMENTS OF STATISTICS—Psychology 371.

See Mathematics 371.

PSYCHOLOGICAL STATISTICS—Psychology 372.

Credit, 2 semester hours. Prerequisite, Psychology 371. Offered in alternate years. Given in 1955-56.

SOCIAL PSYCHOLOGY—Psychology 381.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

EXPERIMENTAL PSYCHOLOGY—Psychology 413, 414.

Credit, 2 semester hours each semester. Prerequisite, Courses 371, 372. Course 413 must precede 414. Offered in alternate years. Given in 1956-57.

THE LEARNING PROCESS—Psychology 428.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

INTRODUCTION TO CLINICAL PSYCHOLOGY—Psychology 431.

Credit, 2 semester hours. Offered in alternate years. Given in 1955-56.

PSYCHOLOGICAL TESTING—Psychology 441, 442.

Credit, 2 semester hours each semester. Prerequisite, 371, 372 and permission of the Head of the Department. Offered in alternate years. Given in 1955-56.

First semester devoted to tests of intelligence; second semester to measures of aptitude, interest, and personality.

READING IN PSYCHOLOGY—Psychology 491, 492.

Credit, 1 or 2 semester hours.

SEMINAR—Psychology 495, 496.

Credit, 1 or 2 semester hours.

RELIGION

Professors FREDERICK, MAGEE, PHILLIPS

The Department of Religion seeks to aid the College in fulfilling its Christian aims in the following ways:

1. By endeavoring to make the Christian religion an integral part of the heritage of every student who enters the College of Puget Sound;
2. By guiding individuals in the development of rich religious experiences;
3. By helping students become better churchmen through the mastery of proved techniques in teaching religion in the home, in the church, and in the community.

Students who expect to enter graduate schools of religious education or theology should look under Career Programs in this catalog.

Religion 101 is a requirement for all students, and should be taken during the freshman year. It is a prerequisite to all other courses in the department.

The following courses meet the requirements for a major: Courses 201, 202, 251 or 252, 301, 302, 361, 364 or 461, 482 and 490.

Minor requirements are met by the following: Courses 101, 201 or 202, 301 or 302, 364 or 461, and 3 additional hours, one of which should be in Field Problems.

A modified major or minor may be arranged in consultation with the Head of the Department.

INTRODUCTION TO RELIGION—Religion 101.

Credit, 3 semester hours. Given both semesters.

The course seeks to secure an orientation to the problem of the nature of religion, an historical approach to the study of the Bible, an understanding of Jesus and His effect on civilization, and an appreciation of Christianity in the life of modern man.

HISTORY AND LITERATURE OF THE OLD TESTAMENT—Religion 201.

Credit, 3 semester hours. Offered in alternate years. Given in 1955-56.

A study of the history and literature of the people of Israel as found in the Old Testament from the time of Abraham to the Roman conquest of Palestine in 63 B.C.

HISTORY AND LITERATURE OF THE NEW TESTAMENT—Religion 202.

Credit, 3 semester hours. Offered in alternate years. Given in 1955-56.

A study of the growth of the New Testament, discussing date, authorship, place of writing, and purpose of each book. Special attention will be given to the influence of Paul's life and letters.

THE HISTORY OF CHRISTIANITY THROUGH THE REFORMATION—

Religion 251.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

HISTORY OF THE PROTESTANT CHURCH—Religion 252.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

A study of the Christian church from the 17th Century to the present time.

PRINCIPLES AND METHODS OF RELIGIOUS EDUCATION—Religion 301.

Credit, 3 semester hours. Prerequisite, Psychology 201. Offered in alternate years. Given in 1956-57.

A study of the teaching-learning process, and of the principles and techniques that should obtain in the teaching of religion.

ORGANIZATION AND ADMINISTRATION OF THE CHRISTIAN CHURCH—

Religion 302.

Credit, 3 semester hours. Offered in alternate years. Given in 1955-56.

Basic principles of organization and administration will be studied. The local church, the denomination, the City-Council of Churches, the State-Council of Churches and the National and World Councils of Churches will be examined.

HISTORY OF RELIGIONS—Religion 361.

Credit, 3 semester hours. Offered in alternate years.

A study of man's historic religious expressions: Shinto, Hinduism, Buddhism, Taoism, Confucianism, Judaism, Mohammedanism, Christianity. Primitive religions are introduced where necessary for background. The course will deal with problems of the inter-relationship of religions in the global culture of the future.

PSYCHOLOGY OF RELIGION—Religion 364.

Credit, 3 semester hours. Prerequisite, Psychology 201. Offered in alternate years. Given in 1956-57.

A study of religious consciousness, including the following problems: the psychological method employed in the study of religion, the nature of religious experience, religious growth, conversion, belief in God, prayer, worship, mysticism, conduct control, the cult, and the therapeutic service of religion.

WORSHIP—Religion 461.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

Interpretation of the meaning and importance of public worship. Evaluation of the elements involved, such as prayer, music, scriptures, creed, offering, and teaching. Examination of the sources of literature of worship. Selection and combination of the materials. Part of the course will be given to a study of the classic and modern resources for personal religious devotion.

SOCIOLOGY OF RELIGION—Religion 462.

See Sociology 462.

SOCIOLOGY

PHILOSOPHY OF RELIGION—Religion 482.

Credit, 2 semester hours. Prerequisite, one course in Philosophy. Offered in alternate years. Given in 1955-56.

A philosophical study of the meaning of God in human experience. Deals with such issues as the knowledge of God, science and religion, the place and destiny of man, prayer, immortality, and the problem of evil.

FIELD PROBLEMS—Religion 490.

Credit, 2 to 3 semester hours either semester.

This course is designed for students working in local churches, through the church school or young people's fellowship, or in community activities.

MORAL AND SPIRITUAL VALUES IN EDUCATION—Religion 505.

See Education 505.

SOCIOLOGY

Professors PETERSON, PHILLIPS, MAGEE; Miss MURRAY

The main purpose of the department is to train students in sociology as a social science. A major must include Courses 201, 202, 342, 355, 356, 371 and 431, and a minimum of seven additional upper-level hours. A minor must include Courses 201, 202, 431, and a minimum of six additional upper-level hours.

Limited courses are available for students who wish to emphasize social work as a part of their major in sociology. The requirements are the same with the exception that Courses 252 and 321 must be included in the program. Other courses useful in the social work field are 351, 352, 363, 385, 422 and 470. A minor in psychology and a year course in biology are recommended.

Course 201 is required as a prerequisite for every other course in the department, except 121 and 211. Courses 201, 202, 211, 381 and 431 meet the social science requirements for graduation.

MARRIAGE AND THE HOME—Sociology 121.

Credit, 2 semester hours. Not counted toward a major.

A general course on courtship, marriage, and early marital adjustment. The biological, cultural, economic and financial, educational, religious and social aspects of family life will be treated.

INTRODUCTION—Sociology 201.

Credit, 3 semester hours.

This course is concerned with the study of social institutions, social control, social conflict and social processes generally.

SOCIAL PROBLEMS—Sociology 202.

Credit, 3 semester hours.

A survey of crime, delinquency, insanity, poverty, dope-addiction, alcoholism, and other social problems.

ANTHROPOLOGY—Sociology 211.

Credit, 3 semester hours.

A study of the social evolution of man, race and racism, archaeology, the development of culture, and the growth of language. Illustrations will be drawn from various studies of primitive societies.

FIELDS OF SOCIAL WORK—Sociology 252.

Credit, 3 semester hours.

Historical background and development of social work, present problems, aims, methods, and a study of local agencies.

RACES AND NATIONALITIES—Sociology 312.

Credit, 2 semester hours. Offered in alternate years. Given in 1955-56.

A study of the races and nationalities of the United States.

THE FAMILY—Sociology 321.

Credit, 3 semester hours.

A study of the family as an institution from its historical developments through its various transitions.

STATISTICS—Sociology 341.

See Mathematics 341.

SOCIAL STATISTICS—Sociology 342.

Credit, 2 semester hours. Prerequisite, Course 341.

A practical application of statistical theory to sociological data, including research, survey, samples, predictive devices, and tests of reliability.

SOCIAL CASE WORK—Sociology 351.

Credit, 2 semester hours. Prerequisite, Course 252. Offered in alternate years. Given in 1955-56.

A study of modern social case work methods.

SOCIAL GROUP WORK—Sociology 352.

Credit, 2 semester hours. Offered in alternate years. Given in 1956-57.

A study of the processes of group formation, development, and control; the selection and emergence of group leaders.

FIELD WORK—Sociology 355, 356.

Credit, 2 semester hours each semester. Prerequisite, permission of the instructor.

A survey of the scope, methods and function of contemporary social work in case work and group work agencies under the joint supervision of the College and agency staffs.

CRIMINOLOGY—Sociology 361.

Credit, 3 semester hours. Offered in alternate years. Given in 1955-56.

A study of the extent and types of criminal behavior; the facts and theories regarding causes of crime; methods of crime prevention and methods for rehabilitation of criminals.

JUVENILE DELINQUENCY—Sociology 363.

Credit, 2 semester hours. Offered in alternate years. Given in 1956-57.

A realistic study of the theories and facts about the prevalence, types, causes, results and remedies for juvenile delinquency. A study will be made of local and state conditions and of existing and needed facilities.

SOCIOLOGY

ELEMENTS OF STATISTICS—Sociology 371.

See *Mathematics* 371.

RURAL SOCIOLOGY—Sociology 375.

Credit, 3 semester hours. Offered in alternate years. Given in 1956-57.

A study of the institutional framework of rural society in America with special emphasis on its culture, organizations, problems, the changing function of rural life and the small town. The services of the Land Grant Colleges will be examined briefly.

SOCIAL PSYCHOLOGY—Sociology 381.

See *Psychology* 381.

COMMUNITY RECREATION—Sociology 385.

See *Physical Education* 385.

PROBLEMS OF FAMILY ADJUSTMENT—Sociology 422.

Credit, 3 semester hours. Prerequisite, Course 121 or 321.

This is a study of the interpersonal relationships and adjustments of family members through their crises from marriage to death.

SURVEY OF SOCIAL THEORY—Sociology 431.

Credit, 3 semester hours.

An intensive survey of important sociological theoretical systems.

POPULATION PROBLEMS—Sociology 441.

Credit, 2 semester hours. Offered in alternate years. Given in 1955-56.

A study of world problems of population with special emphasis upon the United States.

HISTORY OF POLITICAL AND SOCIAL THOUGHT—Sociology 453, 454.

See *Political Science* 453, 454.

SOCIOLOGY OF RELIGION—Sociology 462.

See *Religion* 462.

REHABILITATION OF THE HANDICAPPED—Sociology 470.

See *Occupational Therapy* 470.

URBAN SOCIOLOGY—Sociology 476.

Credit, 3 semester hours. Offered in alternate years. Given in 1955-56.

A study of the institutional structure and ecology of urban America; city planning, land use, growth, organizations and the impact of urban life on personality are examined.

SOCIOLOGY OF RELIGION—Sociology 482.

Credit, 3 semester hours. Offered in alternate years. Given in 1955-56. Prerequisite, Religion 101.

A study of religion in its social manifestations and interaction with other social forces.

READING AND CONFERENCE—Sociology 491, 492.

Credit and time to be arranged. Open only to advanced students with the approval of the instructor.

Individual study with reading, reports and conferences.

SEMINAR—Sociology 498.

Credit, 2 semester hours. Open to majors or minors or to others by permission of instructor.

SPANISH

Professors FOSSUM, BACHIMONT, MARTIN

In a major in Spanish, Courses 301, 302, 331, 332, 351, 387, and 388 should be included; in a minor, Courses 301, 302, 351, 387 or 388 are recommended. Other upper-level courses may be substituted with approval by the Head of the Department. Courses 101 and 102 are not counted in the hours for a major, nor Course 101 for a minor.

ELEMENTARY SPANISH—Spanish 101, 102.

Credit, 4 semester hours each semester.

Essentials of grammar, use of simple Spanish orally and in writing, reading of graded texts.

INTERMEDIATE SPANISH—Spanish 201, 202.

Credit, 3 semester hours each semester. Prerequisite, Course 102, or two years of high school Spanish.

Readings from Spanish and Spanish-American writers, review of grammar, oral and written composition.

SURVEY OF SPANISH LITERATURE—Spanish 301, 302.

Credit, 3 semester hours each semester. Prerequisite, Course 202. Offered in alternate years. Given in 1955-56.

SURVEY OF SPANISH-AMERICAN LITERATURE—Spanish 331, 332.

Credit, 3 semester hours each semester. Prerequisite, Course 202. Offered in alternate years. Given in 1956-57.

ADVANCED COMPOSITION AND CONVERSATION—Spanish 351.

Credit, 3 semester hours. Prerequisite, Course 202. Offered in alternate years. Given in 1955-56.

Grammar review, oral and written composition and critical study of form.

SPANISH CIVILIZATION AND CULTURE—Spanish 387, 388.

Credit, 2 semester hours each semester. Prerequisite, Course 202. Offered in alternate years. Given in 1956-57.

Study of the society, politics, geography, and arts of Spain and Spanish-America.

READING CONFERENCE—Spanish 491, 492.

Credit, 1 or 2 semester hours each semester, and may be repeated once. Admission only by approval of the Head of the Department.

Directed reading and research, oral and written reports.

SPEECH AND DRAMATIC ART

Professors JONES, BAISINGER

Activities sponsored and supervised by the Speech and Drama Department include The Campus Playcrafters, who produce various types of drama both within the College and outside, and The Choral Reading Group, which revives an age-old art by means of which participants and audiences realize a richer experience of the thought and poetry of great authors.

The Speech and Drama Department as here organized comprises three main divisions:

- (1) Public Speaking
- (2) Interpretation of Literature
- (3) Play Production

Students who major in speech, before being recommended for a degree, will demonstrate a certain standard of platform proficiency, to be determined by the faculty of the department.

A major in speech should include Courses 101 or its equivalent, 220, 277, 278, 361 or 365, and 377. This curriculum is designed for those students who desire to secure a general background in the field of speech and drama. A minimum of twenty-seven hours is required. Suggested minors are literature, sociology, psychology, physical education or recreation.

A minor in speech may be chosen from the following possible combinations:

- (1) Public speaking, which includes nine hours from Courses 101, 220, 251 and 321.
- (2) Interpretation, to be chosen from Courses 171 or 271, 361, 365, 366, 462 and 493.
- (3) Dramatic production, to be chosen from Courses 171, 271, 277, 278 and 377.
- (4) For public school teaching, Courses 101, 174, 278, 337 and 364.

I. PUBLIC SPEAKING

FUNDAMENTALS OF PUBLIC SPEAKING—Speech 101.

Credit, 3 semester hours either semester.

A foundation course in gathering and planning materials for platform speeches. Emphasis on personal development through the preparation and delivery of oral reports and original speeches. One short speech given each week.

ARGUMENTATION—Speech 141.

Credit, 3 semester hours.

Argumentation and debate as techniques of a free society, as methods of bringing reasoned discourse to bear on personal and social problems for purposes of decision and action.

DEBATE—Speech 145, 146.

Credit, 1 semester hour each semester.

ADVANCED PUBLIC SPEAKING—Speech 220.

Credit, 3 semester hours. Prerequisite, Course 101.

The ability of the student to organize and present effective platform speech is carried forward to a study of influencing beliefs, feelings and actions of different types of audiences. The emphasis is upon the persuasive factors in speech.

RADIO WORKSHOP—Speech 251.

Credit, 3 semester hours. Meets two times a week plus laboratory periods for practicing and broadcasting.

An introduction to the basic speech problems of radio acting and broadcasting. Objectives include the development of interesting and effective radio speech, an evaluation of the principal types of radio programs, and the scope and influence of modern broadcasting.

RADIO PROBLEMS—Speech 253.

Credit, 1 or 2 semester hours, either semester. Prerequisite, Course 251. Admission only by approval of the instructor.

An introduction to the organization of commercial radio stations, and of the functions of their different departments. Practical laboratory work assisting staff members of Radio Station KTNT, Tacoma.

RADIO DRAMATICS—Speech 254.

Credit, 3 semester hours. Meets two times a week plus laboratory periods for practicing and broadcasting.

An introduction to the techniques of radio acting and directing. Principal forms of radio-drama will be studied. Students will present radio performances for workshop and over local radio stations.

FORMS OF PUBLIC ADDRESS—Speech 321.

Credit, 3 semester hours. Prerequisite, Courses 101 and 220. Offered in alternate years. Given in 1955-56.

A practical application of the principles of persuasion to various types of audiences. Practice in writing and delivering special forms of public address. Attention is given to structure, style and delivery.

SPEECH CORRECTION FOR THE CLASSROOM TEACHER—Speech 337.

Credit, 2 semester hours.

A course designed to introduce speech-correction methods and speech-improvement techniques to the classroom teacher. This course is planned to aid the teacher in understanding speech problems, cooperating with the speech correctionist, and encouraging the development of speech skills in the classroom. Observations of testing and clinical teaching.

SPEECH AND DRAMATICS

DEBATE COACHING—Speech 345, 346.

Credit, 1 semester hour each semester.

Practical experience, under supervision, in the teaching of argumentation and the coaching of debate teams.

RADIO PROBLEMS (ADVANCED)—Speech 354.

Credit, 1 or 2 semester hours, either semester. Admission only by approval of the instructor.

Each student accepted is trained as an assistant to a staff member of Radio Station KTNT, Tacoma. Study includes problems of programming, news and special events, traffic, music, announcing and continuity.

SEMINAR—Speech 493.

Credit, 2 or 3 semester hours each semester.

II. ORAL INTERPRETATION OF LITERATURE

LITERARY INTERPRETATION—Speech 361.

Credit, 3 semester hours. Prerequisite, Course 101. Required of all majors.

Training in interpretative reading of prose and poetry. Study of principles; constant practice. The reading of different types of literature. The cultivation of imagination, emotional development and effective performance.

STORY TELLING—Speech 364.

Credit, 3 semester hours.

A study of the principles of effective story telling for purposes of entertainment and education. Analysis and classification of stories with reference to each period of the child's development. The work is designed to meet the needs of playground directors, church school leaders and teachers.

CHORAL READING—Speech 365, 366.

Credit, 3 semester hours each semester. The course may be taken more than once, but credits are limited to a total of nine.

A study and practice in the fundamentals of reading aloud together. There will be public performances at the Christmas season. The annual recital will be in the spring.

PROGRAM BUILDING—Speech 369.

Credit, 2 semester hours, either semester. For senior students who have completed Courses 220, 361 or 365. Required of all majors.

Selection, arrangement and preparation of literature for public entertainment. Presentation of one complete program required of each student.

ADVANCED LITERARY INTERPRETATION—Speech 462.

Credit, 2 or 3 semester hours. Prerequisite, Courses 101, 220 and 361.

The study of cutting plays and poetry for interpretative purposes. The students in this course will be required to prepare a program of actual readings. Great poetry, prose and drama are studied. Public recitals in junior and senior years.

SEMINAR—Speech 494.

Credit, 2 or 3 semester hours, either semester. Open to seniors and graduate students who have completed Courses 220, 361 and 365.

III. DRAMATIC ART AND PRODUCTION

BEGINNING ACTING—Speech 171.

Credit, 3 semester hours. Meets two times a week plus laboratory hours.

A practical course in the development of the fundamental techniques of acting with emphasis on characterization and ensemble playing. One-act plays will be presented for school and community.

PUPPETRY—Speech 174.

Credit, 3 semester hours. Meets two times a week plus laboratory hours. Offered in alternate years. Given as there is demand.

The making and manipulation of hand puppets and marionettes.

ADVANCED ACTING—Speech 271.

Credit, 3 semester hours. Prerequisite, Courses 171 and 277.

The development of skill in the correlation of body and voice. The study of mood and suspense.

DRAMATIC PRODUCTION—Speech 277, 278.

Credit, 4 semester hours each semester. Required of all majors.

Problems and practice in acting and producing plays. The study of the organization and duties of the production staff; the background of a performance — scenery, lighting and costuming.

THEATRE WORK SHOP—Speech 371, 372.

Credit, 3 semester hours. Prerequisite, Courses 277 and 278. Given as there is demand.

The problems of stagecraft, directing and make-up are studied. The group works on the actual problems involved in major productions of the College. The relation and the responsibility of the director to the community are considered.

PLAY DIRECTING—Speech 377.

Credit, 3 semester hours. Meets two times a week plus laboratory hours. Prerequisite, Courses 171 and 277. Offered in alternate years. Given in 1956-57.

A presentation of the methods and techniques of stage directing, including the building of characterizations, tempo and atmosphere. The handling of rehearsals. There will be from twenty-five to thirty-five hours of observation. A complete prompt book will be required of each student.

CHILDREN'S DRAMATICS—Speech 379.

Credit, 3 semester hours.

A course in the direction and production of plays for children, with the emphasis upon educational and recreational values of dramatics.

SEMINAR—Speech 495.

Credit, 2 or 3 semester hours, either semester. Open to advanced students who have completed Courses 277, 278, 371 or 372.

Actual directing or production of specific plays.

CAREER PROGRAMS

PREPARING FOR MEDICAL SCHOOL

Medical schools have varied admission requirements. A student who has a specific school in mind, should become acquainted with its requirements. Preference is given, however, to applicants who not only meet stated requirements but also have a bachelor's degree.

The chance of going to medical school is usually based on a combination of two things: first, the grades in the pre-medical course, and second, the score on a medical aptitude test. This test, directed by the Association of Medical Colleges, is given each year at the College of Puget Sound.

In addition to special training in scientific subjects, it is an advantage to have a broad background in literature and other humanities and the social sciences. It is wise to choose electives from these fields.

The requirements of most medical schools can be met by following this four-year program:

FRESHMAN YEAR				SOPHOMORE YEAR			
Subjects	Semester	Hours		Subjects	Semester	Hours	
	1st	2nd			1st	2nd	
English 101, 102	3	3		Chemistry 201	4		
Biology 101, 102	3	3		French or German	3 or 4	3 or 4	
Chemistry 101, 102	5	5		Biology 231, 232	3	3	
Mathematics 101, 102	4	4		Religion 101	3		
ROTC 101, 102	2	2		Psychology 201		3	
				ROTC 201, 202	2	2	
JUNIOR YEAR				SENIOR YEAR			
Subjects	Semester	Hours		Subjects	Semester	Hours	
	1st	2nd			1st	2nd	
Biology 301, 371 or 375	3 or 4			Chemistry 401, 402	5	5	
Chemistry 301, 302	3	3		Elective	10	7	
Chemistry 305, 306	2	2		Biology 356		3	
French or German	3	3					
Physics 201, 202	5	5					

PREPARING FOR DENTAL SCHOOL

To enter most dental schools, one needs to have had at least two years in college.

Although it is possible to complete the required courses in four semesters, many students take six, or even eight, semesters. In this way, they are able to avoid extreme concentration on the sciences and to build up their cultural background.

For those who intend to devote only two years to pre-dental work, the program listed below will satisfy the minimum requirements:

FRESHMAN YEAR				SOPHOMORE YEAR			
Subjects	Semester	Hours		Subjects	Semester	Hours	
	1st	2nd			1st	2nd	
English 101, 102	3	3		Chemistry 301, 302	3	3	
Biology 101, 102	3	3		Chemistry 305, 306	2	2	
Mathematics 101	4			Biology 231, 232	3	3	
Elective		4		Physics 201, 202	5	5	
Chemistry 101, 102	5	5		Biology 105	2		
ROTC 101, 102	2	2		ROTC 201, 202	2	2	

PREPARING FOR LAW SCHOOL

Many law schools require a college degree for admission. Others require only two or three years of pre-law.

Admission into all law schools regardless of the differing length of undergraduate work is based on ability to read, speak, and write effectively. Although no particular major subject is prescribed, a social study like political science, history or economics is frequently chosen. One is expected to know something of American politics and business life and also have some understanding of Anglo-American constitutional history. A broad knowledge of literature and philosophy is also desired.

Since law schools do not generally ask for specific pre-law programs, the College of Puget Sound provides a pre-law adviser. He will help plan programs of study that will be most effective for individual purposes.

PREPARING FOR ENGINEERING SCHOOL

The requirements for entering schools of engineering and for the first years of engineering study vary a great deal. A student who intends to secure an engineering degree from a particular school would do well to learn what its requirements are before starting college study.

Students seeking to combine a general education with engineering training may take a longer time to meet the requirements for an engineering degree. In addition to engineering subjects they might take courses in languages, literature, the arts and social sciences, and also advanced courses in chemistry, physics and mathematics.

For a student, however, who wishes to secure an engineering degree in the shortest time and who will transfer to an engineering school after the freshman, or at the latest the sophomore, year, the program below is suggested:

FRESHMAN YEAR			SOPHOMORE YEAR		
Subjects	Semester	Hours	Subjects	Semester	Hours
	1st	2nd		1st	2nd
English 101, 102	3	3	Mathematics 201, 202	5	5
Chemistry 101, 102	5	5	Physics 201, 202	5	5
Mathematics 121, 124	3	3	Mathematics 221, 224	3	3
Mathematics 101, 102	4	4	Elective	2	2
ROTC 101, 102	2	2	ROTC 201, 202	2	2

PREPARING FOR THEOLOGICAL SCHOOL

According to the American Association of Theological Schools these are the accomplishments to be secured by pre-theological study: ability to think clearly; reading knowledge of at least one foreign language; a broad understanding of literature, philosophy, psychology, the social sciences, and the natural sciences; and mastery in some specific field.

Most theological schools do not require a specific pre-theology program. It is desirable that subjects be chosen with the help of an adviser from the Department of Religion who will assist in selection of courses of study that will be most effective for individual purposes.

PREPARING FOR THE NURSING PROFESSION

The College of Puget Sound in conjunction with the Tacoma General Hospital School of Nursing, has established a course of study leading to a Certificate of Nursing from the Hospital, and a bachelor's degree from the College.

This course has been established because a college degree is now practically a requirement for supervisory positions and for civil service appointments, as well as for graduate study.

On this program, work is begun in the summer session. This starting time makes it possible to complete the course in four calendar-years and one summer, with ample time provided for vacations.

During the first year of study, one may live at home or in the college residences. Work, in this period, will be mainly at the College. For the second year, residence is established at Jackson Hall—the nurses' home at Tacoma General Hospital.

Here is the course of study as prepared by the College and the Director of Student Nurses:

FIRST YEAR		SECOND YEAR	
<i>Summer:</i>	<i>Credit Hrs.</i>	<i>Summer:</i>	
Biology 101, 102	6	Sociology 201	3
Biology 105 (hygiene)	2	Psychology	3
<i>Fall:</i>		Nursing History	2
English 101	3	<i>Fall:</i>	
Chemistry 105	3	Nursing Arts	4
Nutrition (T.G.)	2	El. M. M.	1½
Religion	3	Humanities (C.P.S.)	3
Anatomy	3	The Family—Sociology 321	
P.E.	1	(C.P.S.)	3
<i>Spring:</i>		Biology—Upper Level (C.P.S.)	3
English 102	3	P.E. (C.P.S.)	1
Chemistry 106	3	Prof. Adj.	1
Physiology	3	<i>Spring:</i>	
Microbiology (T.G.)	4	Nursing Arts	4
Humanities or Social Studies	2	Pharmacology	3
P.E.	1	Med.-Surg.	4
		Diet Therapy	1½
		Med. Science:	
		Sanitation	3

TEACHING, OCCUPATIONAL THERAPY

THIRD YEAR		FOURTH YEAR	
Summer: (Campus)	Credit Hrs.	Summer:	
Humanities	3	Affiliation	
Elective	3 or 4	(Students affiliate in blocks and some of above courses are repeated)	
Fall:		Fall:	
Gynecology	2	Affiliation	
Comm. Dis.	2	Spring:	
Orthopedic	1	Trends in Nursing	3
Neurosurgical Nursing	1	Social Hygiene	1
Operating Room	1	Nurs. Ed. 137 (U.W.)	1½
E. E. N. T.	1	Ward Teaching & Management	1
First Aid	½	Summer:	
Spring:		Elective (ward management)	
Obstetrics	3		
Psychiatry (U.W.)	7		
Tbc. (U.W.)	3		
Pediatrics	3		

PREPARING FOR THE TEACHING PROFESSION

Preparing teachers for the public schools is the main function of the College of Puget Sound's Department of Education. In addition, certain advanced phases of the program are designed for teachers and administrators already in service.

A student preparing for the teaching profession will have a faculty adviser. He will help to prepare a well-balanced program of academic and professional subjects suited to individual needs and purposes.

By arrangement with the public school system students are sent to schools as observers and, later, as student-teachers. When the work is completed a General Certificate is awarded which entitles the holder to teach in the public schools at any level from the kindergarten through high school.

For additional information and specific requirements look in the section for Education under Courses of Instruction.

PREPARING FOR A CAREER IN OCCUPATIONAL THERAPY

The College of Puget Sound has the only occupational therapy school in the Northwest recognized by the American Medical Association.

Students in occupational therapy study crafts such as basketry, weaving, woodworking and metalwork, as well as academic subjects such as psychology, biology, sociology, music and education.

They receive instruction in clinical subjects by physicians who are members of a Medical Advisory Board, and observe the actual treatment of patients in hospitals, clinics and schools.

After the academic work is completed, they take a year of special clinical training—internship—in various hospitals and rehabilitation centers, under the supervision of professional therapists.

For further information look for Occupational Therapy in the preceding pages.

PREPARING FOR A CAREER IN MEDICAL TECHNOLOGY

The College of Puget Sound in affiliation with the Tacoma General Hospital has established a course of study leading to a degree of Bachelor of Science in Medical Technology.

A student preparing to be a laboratory technician has two or three years of work in the basic sciences and arts at the College. He is then eligible to go into the hospital laboratory for professional training (Tacoma General Hospital will take seven students each year). Here he receives instruction and practical experience under professional guidance.

Minimum requirements for admission to hospital training are:

1. Twelve semester hours in biology, of which at least four hours are zoology. Recommended courses are anatomy, physiology, bacteriology, histology and embryology. Special emphasis is given to bacteriology.
2. Eight semester hours of inorganic chemistry and four hours of quantitative analysis.

Highly recommended electives are physics, organic chemistry and bio-chemistry.

The third year of academic work may be taken either before or after the laboratory year, but preferably before. In either case one can be qualified for the degree in Medical Technology at the end of four years.

- CAMPUS LIFE
- LIVING ACCOMMODATIONS
- STUDENT ACTIVITIES
- FINANCIAL AID
- RECOGNITION AWARDS

The College Community

The College Community

CAMPUS LIFE

The College's role as an educational institution is primarily to foster learning. It aims, however, to perform the functions of a good community in their full scope, and attempts to develop qualities of personal, social and religious character as well as of intellect.

The character of campus life is the result of student and faculty cooperation. It is established in the main by the good judgment and taste of the members of the community rather than by regulations. Conditions of mutual comfort and safety, of good citizenship, and of scholarly activity are what are sought. The customs of the College permit smoking in living areas, but not class buildings, and exclude the use of alcoholic beverages from campus life.

LIVING ACCOMMODATIONS

WOMEN'S HOUSING

The young women of all departments of the College are under the supervision of the Dean of Women.

Women students whose homes are not in Tacoma live in Anderson Hall, a modern fire-proof dormitory for women to which a beautiful new wing was added in November, 1954. The dormitory has attractive lounges, and a recreation room. There are a few single rooms, a number of double rooms, and some rooms which house three or four girls. All beds are single, though some of them may be double-decked, and all have good springs and mattresses. Each resident has her own chest of drawers, study desk and chair. Drapes, bedspreads and sheets are supplied by the College. The student brings only her blankets, towels and personal effects.

Anderson Hall is equipped with laundry facilities and kitchenettes for the convenience of students.

Prices, which vary with the size of the room and the number of persons in it, are stated elsewhere in this catalog. Room rent should be paid by the semester.

All students who live in the dormitories will take their meals at the Commons in Kittredge Hall. The cost of meals is stated in the section of the catalog dealing with fees and expenses.

Reservations for living quarters on the campus, together with an advance payment of twenty-five dollars, are to be made with the

Bursar. The deposit is later applied to the rent for the first semester. Freshman allocations are made in order in which applications are received. The advance payment will be refunded only if the halls do not have room for the student or if notice of a cancellation reaches the Bursar by July 31.

All women students who do not live with their families in Tacoma or in the homes of Tacoma relatives are expected to live in the dormitory. Living arrangements other than in the dormitory must be planned with the Dean of Women and approved by the student's parents.

Some students can earn room and board by three hours of work per day in private homes which are approved by the College. The Dean of Women maintains a list of homes where this arrangement is possible. Women of the city who wish to employ college girls consult the Dean of Women, who visits the homes and keeps records of the advantages offered and of the kind of work required. No young woman is permitted on her own responsibility to make arrangements for living off-campus.

The Dean of Women will be glad to hear from prospective students and will try to answer questions or solve problems.

MEN'S HOUSING

Todd Hall is the men's residence. It provides single and double rooms. The rooms are furnished with single beds, chests of drawers, wardrobes, desks, and chairs. Drapes for windows, bedspreads, blankets and sheets are supplied by the College. Towels and personal effects are all that need be brought by the student.

In addition to living quarters there are lounges, a recreation hall and special study rooms. All students living in Todd Hall take their meals in the college cafeteria.

Men from out of town are expected to live in Todd Hall, at least through their freshman year. Off-campus living must have approval of the Dean of Men.

STUDENT ACTIVITIES

GENERAL ORGANIZATIONS

ASSOCIATED STUDENTS—The organized student body, known as the Associated Students, has general direction and charge of such college activities as intramural sports, student publications, debating and oratorical contests, musical, literary and social activities. Direction of activities is exercised mainly through a representative body known as the Central Board.

ACTIVITIES

THE ASSOCIATED WOMEN STUDENTS is the organization of the women of the College for promotion of their special programs and activities.

THE STUDENT CHRISTIAN COUNCIL is made up of representatives from each of the denominational groups on the campus, the Associated Students, and the social groups. It helps to plan religious activities for the campus and to coordinate them with student participation in the youth programs of the local churches.

SPECIAL ACTIVITY GROUPS

DEPARTMENTAL CLUBS are groups which further in informal ways the student's interest and progress in his favorite study. These include the Cercel Francaise, Geological Society, Home Economics Club, Mathematics Club, Psychology Club, La Mesa Redonda, Deutscher Verein, Commerce Club, Occupational Therapy Club, Pre-Medical Club, and Pre-Law Club.

MUSICAL ORGANIZATIONS are The Adelpian Concert Choir, The College of Puget Sound Symphony Orchestra, The Madrigal Singers, The Tacoma Choral Society, The Concert Band, The Regimental Band, The Workshop Band, and several small vocal and instrumental ensembles. They present annual concerts and provide music at College functions.

THE AMERICAN CHEMICAL SOCIETY has a Student Affiliate Chapter on the campus. This is for chemistry majors above freshman standing who are superior students. Members receive publications of the Society and may attend meetings of the Section in the area.

CHINOOK is an outing and skiing club. The club assists in managing Deep Creek Mountain Lodge which is the College of Puget Sound winter sports area on Mt. Rainier.

THE AXEMEN is a men's organization for those who have won a letter in a major sport.

THE WOMEN'S ATHLETIC ASSOCIATION promotes and fosters women's athletic events and activities.

KAPPI PHI is a National Methodist Girls' Club.

THE INTERNATIONAL RELATIONS CLUB is open to all students interested in world affairs.

THE FUTURE TEACHERS OF AMERICA is a national organization open to all students interested in teaching.

HONOR SOCIETIES

MU SIGMA DELTA is made up of men and women elected from senior students in the upper ten per cent of their class in scholarship.

OTLAH CLUB is made up of senior women who have a scholastic average of B or better.

SPURS is a national service organization for sophomore women, and INTERCOLLEGIATE KNIGHTS is a national service organization for sophomore men. The purpose of both groups is service to the College and the promotion of interest in college activities.

PI KAPPA DELTA is a national society for intercollegiate debaters and orators.

ALPHA RHO TAU and DELTA PHI DELTA are respectively local and national societies for art students.

PI GAMMA MU is a national social science fraternity for senior students who have done superior work in that field.

SIGMA ALPHA IOTA is a national music sorority.

SINFONIA is a national music fraternity.

SOCIAL FRATERNITIES AND SORORITIES

The six fraternities and four sororities on campus are chapters of national organizations, with membership by invitation. The fraternities are *Kappa Sigma*, *Phi Delta Theta*, *Sigma Alpha Epsilon*, *Sigma Chi*, *Sigma Nu*, and *Theta Chi*.

The sororities are *Alpha Phi*, *Chi Omega*, *Delta Delta Delta*, and *Pi Beta Phi*.

The *Independents* is the social organization of students who are not members of Greek-letter organizations.

INTERCOLLEGIATE ATHLETICS

The College is a member of the Evergreen Intercollegiate Conference. Teams are entered in football, basketball, baseball, track, tennis, golf, skiing, wrestling, and swimming.

STUDENT PUBLICATIONS

THE TRAIL is the weekly student newspaper.

THE TAMANAWAS is the student year book.

ELIGIBILITY FOR ACTIVITIES

I. In order to be eligible to represent the College of Puget Sound in any student activity, a student must:

(a) Be fully registered in the College for a minimum of 12 hours credit except as provided below in Article III.

(b) Not be on scholastic probation.

(c) Not have a total of failures on his previous record, at this or any other institution, exceeding one-fifth of his total hours passed. Any temporary grade, until cleared, has the same value as an F in determining eligibility.

(d) Have leave of absence approved by the Rules Committee and filed in the Dean's Office through application by the coach or manager, before absence from the College required by participation.

II.

(a) Eligibility of members of teams or groups must be checked at the beginning and middle of each semester by the coach or manager. A student may then be given ten days' grace to bring up his work before being declared ineligible.

(b) A student, after having been declared eligible for any student activity, will remain eligible, scholastically, for the remainder of the season by participation only when the season terminates within the semester.

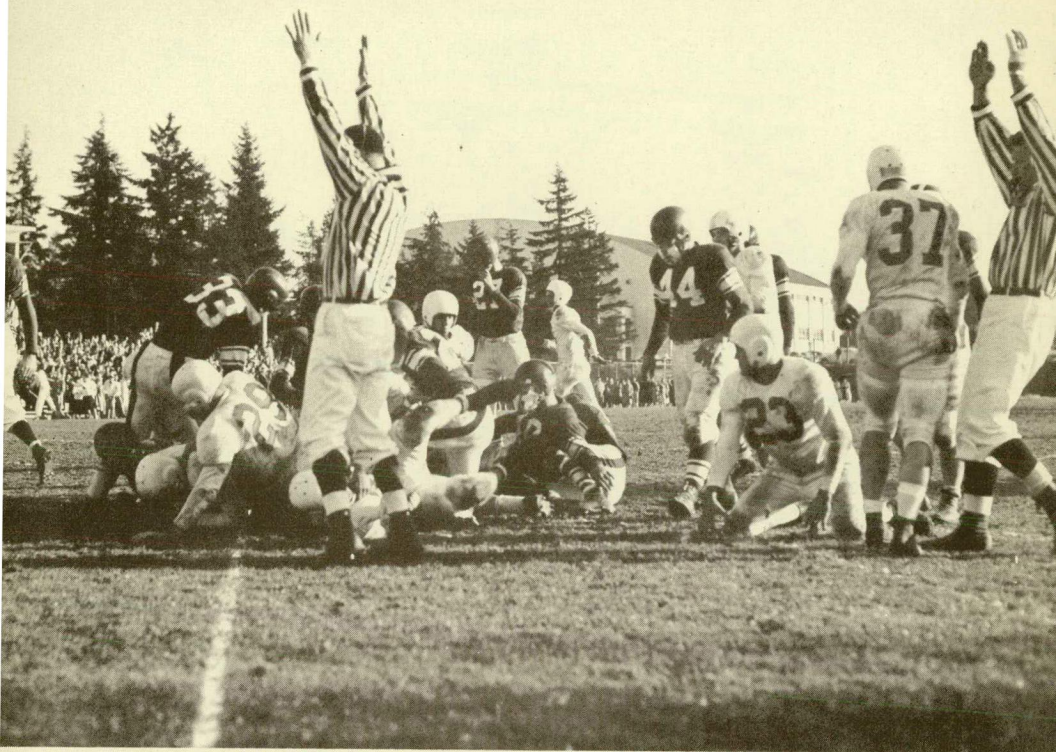
(c) A student is limited to two activities unless he maintains an average of C in all of his scholastic work.

(d) All questions of eligibility come under the jurisdiction of the Rules Committee which cooperates with the Dean in all matters pertaining to eligibility.

(e) Those having charge of any activity must submit to the Dean at the time of the first turn-out of any activity a list of all participants, and must keep this list up-to-date. This provision applies to all activities (intercollegiate, intramural, non-competitive) and to student officers.

(f) Activities wherein students engage with representatives of other student bodies in contests of any kind or represent the college off the campus are under the jurisdiction of the Rules Committee of the faculty in cooperation with the Dean.

(g) The faculty director of any extra-mural activity must submit to the Dean early in each semester a proposed schedule for the activity, with application for the approval of the plans. Applica-

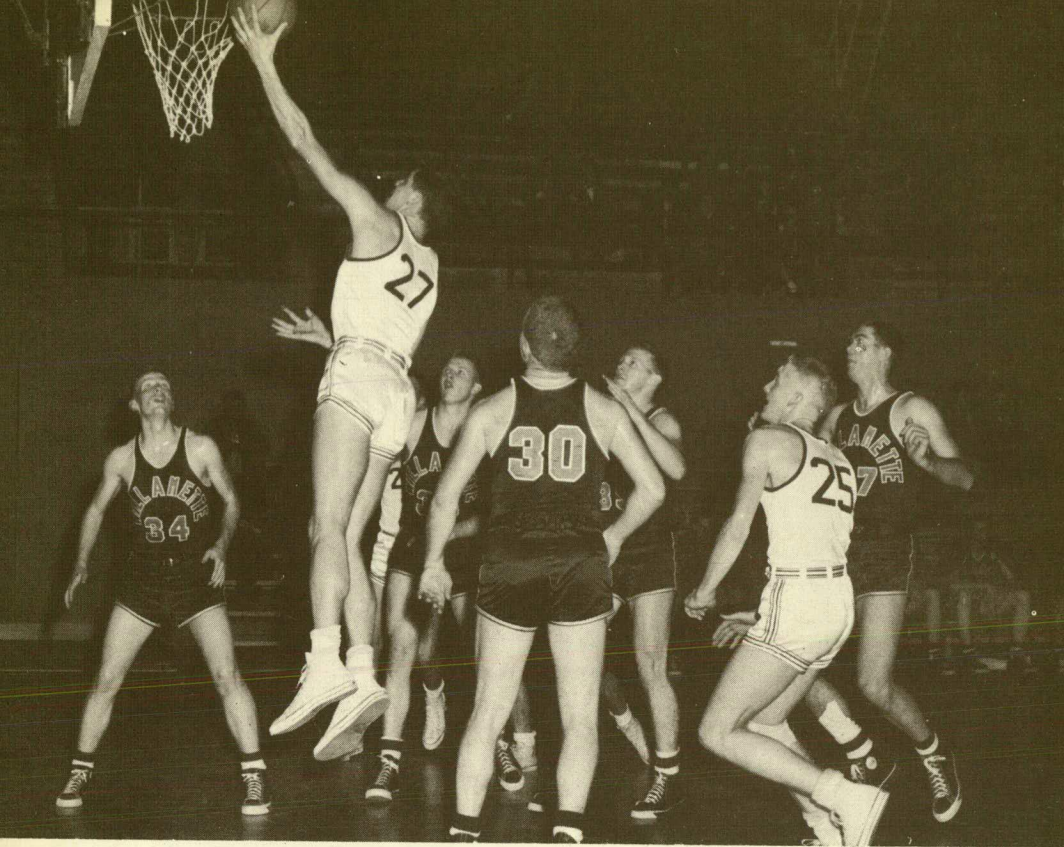


On the Field

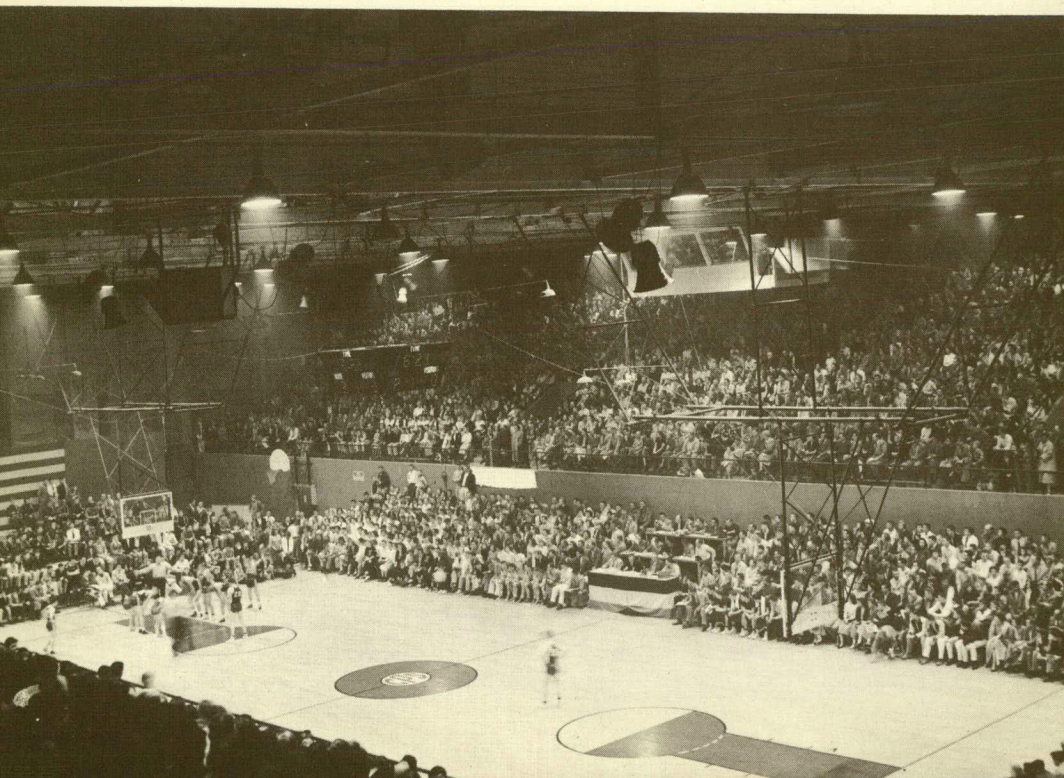
SPORTS

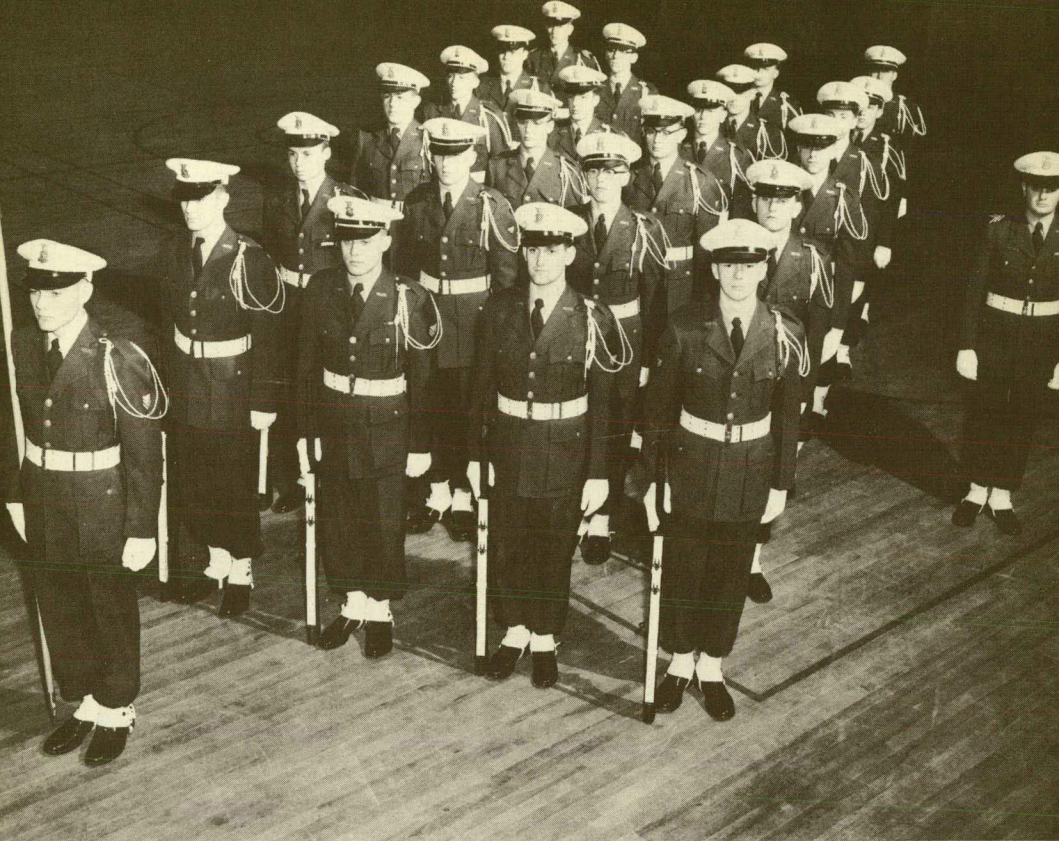
At Chinook Pass Camp



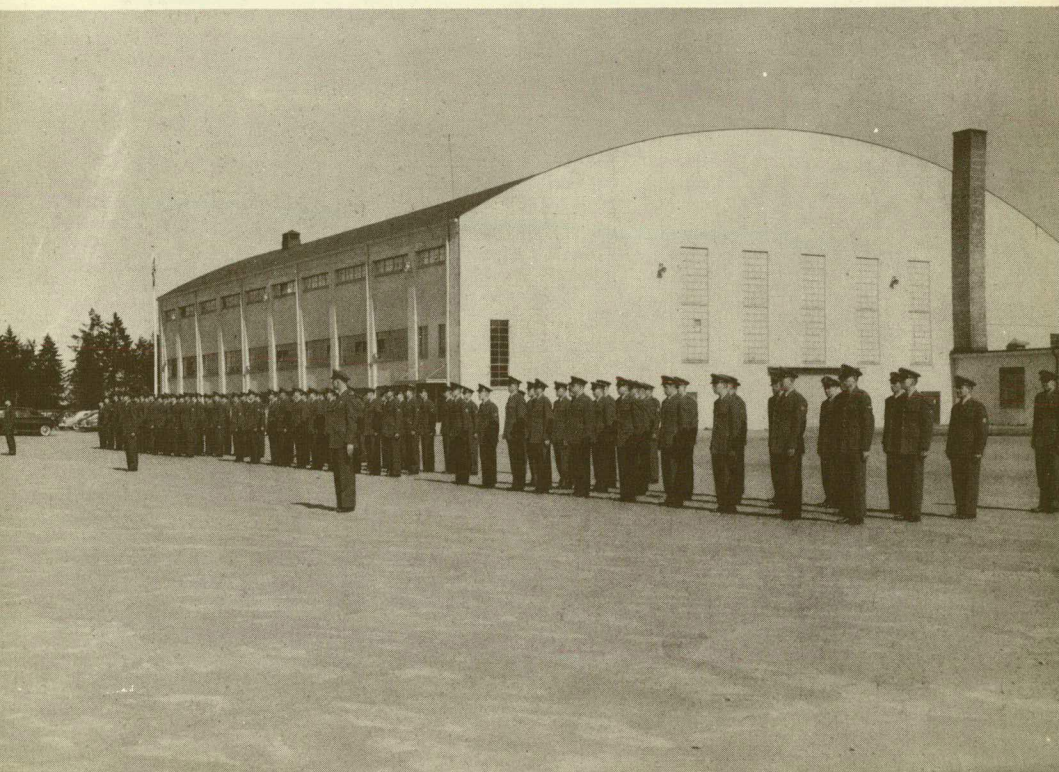


ON THE BASKETBALL FLOOR





AFROTC CEREMONIAL DRILL TEAM





CAMPUS LIFE

STUDENTS FROM OTHER COUNTRIES



tion for events off campus must be presented in triplicate and give the (1) dates, (2) places, (3) number of students to participate, (4) financial arrangements, and (5) method of transportation, if an event is to be off the campus.

III. Students who are registered for less than twelve hours' work may take part in the musical organizations, dramatic productions, or other activities which are of an academic character and in which there is not intercollegiate competition if special permission is given by the faculty. All students who are thus permitted to participate in extracurricular activities under the sponsorship of the A.S.C.P.S. must pay the regular associated student fee regardless of the number of hours for which they are registered.

IV. In order to be eligible to represent the College of Puget Sound in any intercollegiate sport, a student must comply with the athletic conference rules and the foregoing college requirements.

CLOSED PERIOD

The last two weeks of each semester are designated as a closed period for all social functions and student activities.

FINANCIAL AID

Depending on a student's scholarship and financial need, he may receive aid through scholarships, grants, prizes, or special loan funds.

Scholarships and grants in aid are made for one year, and may be renewed only upon application and after approval by the President of the College.

SCHOLARSHIPS

THE METHODIST CHURCH SCHOLARSHIPS—five full-tuition scholarships to College of Puget Sound students who have been members of the Methodist Church for at least a year, who maintain a B average, who show promise of church leadership, and who have the endorsement of their local minister.

THE IDA A. DAVIS MEMORIAL SCHOLARSHIPS—from an endowed scholarship fund of forty-thousand dollars.

THE J. D. AND LILLIAN SHOTWELL SCHOLARSHIP—\$200.00 awarded on basis of good character, academic record and need.

SCHOLARSHIPS

LEONARD HOWARTH SCHOLARSHIPS—from the income of fifty thousand dollars awarded to advanced students qualified to be assistants or readers for academic departments.

THE FRANK W. BAKER SCHOLARSHIP—from a fund for the assistance of worthy students.

THE MARGARETS' SCHOLARSHIP—\$200.00 awarded annually on the basis of good character, academic record and need, to persons preparing for full-time Christian service.

THE CLEONE SOULE SCHOLARSHIP—\$200.00 for an outstanding music student, on the basis of good character, academic record and need.

THE DONALD R. SHOTWELL MEMORIAL SCHOLARSHIP—awards from an endowed fund to students with good grades, excellent character and unusual promise, with preference to graduates of Stadium High School or its successor.

THE MARJORIE MANN SCHOLARSHIP—\$100.00 annually for assistance to a student in the field of occupational therapy.

WOMEN OF ROTARY AWARD—\$75.00 for a junior girl on the basis of character, leadership and scholarship.

THE LADIES OF KIWANIS AWARD—\$75.00 to a junior girl on the basis of character, leadership and scholarship.

A.A.U.W. AWARD—\$100.00 annually, to a junior woman of outstanding scholarship, wholesomeness of influence and promise of usefulness.

HERMAN KLEINER SCHOLARSHIP—\$250.00 annually, to a student who has notably exemplified and fostered the spirit of friendliness and broad human brotherhood in the student community.

THE FLORENCE RUTH TODD ART AWARD—the income from two thousand dollars which goes annually to a junior or sophomore of superior native ability, diligence and good character, for the purpose of continued art study.

BETHESDA B. BUCHANAN SCHOLARSHIP—one-half tuition for a student in occupational therapy.

THE THOMAS AND DELLA GLASSCOCK MEMORIAL SCHOLARSHIPS—from a fund to aid needy students in Christian education.

JOHN A. FLYNN MEMORIAL SCHOLARSHIP—half-tuition to an outstanding Tacoma high-school graduating senior with a creative and progressive interest in the field of chemistry.

THE KAPPA KAPPA GAMMA SCHOLARSHIP—an annual award to a sophomore woman of exceptional promise.

DELTA DELTA DELTA SERVICE PROJECT AWARDS—two awards of \$100.00 each, open to all women students on the basis of scholarship, participation in activities, and need.

THE KAPPA ALPHA THETA ALUMNAE AWARD—\$150.00 annually, to a woman student excelling in service, character and scholarship.

THE DEAN RAYMOND AND MARGARET POWELL EDUCATION SCHOLARSHIP—an annual award to a self-supporting senior student, with three years of residence, showing promise for successful public-school teaching, and living a Christian life.

THE PRESSER FOUNDATION SCHOLARSHIP—awarded annually to a music student of good character, scholarship and talent.

THE J. U. CASSEL MEMORIAL SCHOLARSHIP—for a deserving student studying for the ministry.

THE JOHN BARTLETT McDONALD MEMORIAL SCHOLARSHIP—from an endowed fund for promising students in engineering.

THE STANDARD OIL LEADERSHIP AWARDS—two \$400.00 scholarships open at the College at periodic intervals, on basis of academic standing, leadership and need.

MR. AND MRS. ARTHUR C. JOHNSON SCHOLARSHIP—an endowed scholarship to aid ministerial students.

MR. AND MRS. EARL WIRTH SCHOLARSHIP—an endowed scholarship to aid students entering the ministry or the mission field.

MR. AND MRS. HERMAN F. KLINDWORTH SCHOLARSHIP—an endowed scholarship for students entering the ministry or the mission field.

THE MILDRED P. WHITEHOUSE MEMORIAL SCHOLARSHIP—from a fifty-thousand dollar fund in her memory to aid needy and worthy students.

PRIZES

BURMEISTER ORATORY PRIZES—\$30.00 annually, to support an oratorical contest.

FRANK S. BAKER WRITING CONTEST—\$15.00 annually, for a short story or playwriting contest.

MYRA E. DUPERTUIS PRIZE—a cash prize for an American-born senior showing the greatest proficiency in the French language.

LOAN FUNDS

THE COLLEGE OF PUGET SOUND STUDENT LOAN FOUNDATION—a fund to aid students not otherwise able to continue their college education.

THE METHODIST EDUCATIONAL FUND—a loan fund for students of Christian character. Students need the recommendation of their local church.

THE REEDER MEMORIAL LOAN FUND—a perpetual fund to aid worthy Christian students in their college careers.

THE WILLIAM J. WILKINSON, JR., LOAN FUND—an unrestricted fund to aid worthy students in their college careers.

THE ROTARY CLUB FUND—a fund from which college students may borrow upon proper recommendation.

WOMEN'S ORGANIZATIONS LOAN FUNDS—Women of Rotary, Ladies of Kiwanis, Faculty Women's Club, A.A.U.W., P.E.O., Sigma Kappa Alumnae, Washington State Federation of Women's Clubs, and Lillian Martin Alliance all have funds from which loans are made upon proper recommendation.

KNIGHTS OF THE ROUND TABLE FUND—for loans to juniors or seniors on recommendation of the President of the College.

THE KNIGHTS TEMPLARS FUND—a fund for juniors and seniors at the College of Puget Sound.

THE LEONA M. HICKMAN LOAN FUND—a fund for young men who are residents of King County, on the basis of need, character and scholarship.

The following counties of the State of Washington have loan funds for students in occupational therapy: Kittitas, Grant, Lincoln, Stevens, San Juan, Lewis, Cowlitz, Klickitat, Chelan, Clallam, Douglas, Mason, Pend Oreille, Whitman, Jefferson. In addition there is the Hutchinson Loan Fund. Information on these is available from the Director of Occupational Therapy at the College.

JOB OPPORTUNITIES

Tacoma, by reason of its size, offers many opportunities for student employment. For students who wish to have part-time jobs, the College maintains a placement service. The Placement Office helps to secure part-time jobs, as well as to make contacts for employment after graduation. Students who plan to earn part of their college expenses by working at part-time jobs should write to the Dean of Men, or Dean of Women, giving details of the kind of work they are fitted to do. Students, however, are expected to arrive at the College with sufficient funds to meet initial expenses.

RECOGNITION AWARDS

TODD SCHOLARSHIP CUP—recognition of the student with highest-average scholarship for the year.

SORORITY SCHOLARSHIP CUP—held by the women's social organization making the highest average in scholarship. Gift of Mrs. Lyle Ford Drushel.

FRATERNITY SCHOLARSHIP CUP—held by the fraternity making the highest average in scholarship. Gift of Dr. Raymond L. Powell.

ALL-COLLEGE SOCIAL ORGANIZATION SCHOLARSHIP CUP—held by the social organization making the highest average in scholarship.

SAMUEL WEIR EDUCATIONAL TROPHY—a trophy awarded annually to a senior in teacher-education judged most worthy by the Department of Education.

ALLIE JONES MEMORIAL AWARD—a cash award to a senior in recognition of work and inspiration in the drama field.

MAHNCKE AND COMPANY TROPHY—recognition of the varsity football man highest in scholarship in the first semester.

AMERICAN CHEMICAL SOCIETY (JUNIOR AFFILIATE) PLAQUE—recognition annually of a senior major in chemistry with highest scholastic record in the subject during his college course.

MATHEMATICS AWARD—a monetary award to a senior showing the most promise in the field.

AMPHICTYON SOCIETY DAFFODIL CUP—recognition of the senior voted the most useful and valuable member of his class.

JOHNSON-COX TROPHY—recognition of a football man selected by his team mates for inspiration.

BASKETBALL INSPIRATION TROPHY—recognition of a basketball man selected by his team mates for inspiration.

ROBERT BRANDT MEMORIAL PLAQUE—recognition of a male student in dramatics, for attitude and excellence in acting.

RICHARD SUMMERS MEMORIAL PLAQUE—recognition of a music student who, by musical activities, has made the greatest contribution to fellow-students.

BEN AND SLAVA HEUSTON MEMORIAL SHAKESPEARE AWARD—an annual award to a superior student in literature, and particularly for interest in Shakespeare.

RAY WILLIAMS MEMORIAL AWARD—to a senior majoring in geology, on the basis of scholarship and service to fellow students.

AWARDS

RALPH OLSON MEMORIAL AWARD—a cup for recognition of a senior man for inspiration to the college community.

ASCPS SPIRIT TROPHY—gives recognition to a person for promoting school spirit.

HARRY WERBISKEY MEMORIAL AWARD—a cup for recognition annually of the man best exemplifying good sportsmanship.

CHIMES MEMORIAL CUP—recognition of the student who has given most unselfish service to fellow-students.

OXHOLM TROPHY—a bowl awarded annually to a student group in recognition of service to the College.

CHARLES McNARY AWARD—a briefcase to a promising senior in business administration and engraving of his name on a trophy cup.

A.A.U.W. MEMBERSHIP AWARD—to a senior woman of a one-year membership in one of the Washington State Chapters of the Association.

- OFFICERS OF THE CORPORATION
- ADMINISTRATIVE PERSONNEL
- FACULTY
- RECIPIENTS OF DEGREES—1954
- MEMORIALS AND FOUNDATIONS
- MUSEUM OF NATURAL HISTORY

Register

BOARD OF TRUSTEES

OFFICERS OF THE CORPORATION

WILLIAM W. KILWORTH	Chairman of the Board
HARRY L. BROWN	Vice-Chairman
NORTON CLAPP	Vice-Chairman
DIX H. ROWLAND	Treasurer
FRANKLIN E. JOHNSON	Secretary
WILLIAM GERARD BANKS	Bursar

BOARD OF TRUSTEES

TERM EXPIRES IN 1955

*STANTON WARBURTON, JR., Building Manager	Tacoma, Wash.
EDWARD B. KING, Mortician	Tacoma, Wash.
W. C. MUMAW, Businessman	Aberdeen, Wash.
DIX H. ROWLAND, Attorney	Tacoma, Wash.
*MRS. RICHARD HALEY, Housewife	Tacoma, Wash.
CHAPIN FOSTER, Museum Director	Tacoma, Wash.
ALDEN R. GRAVES, Minister	Walla Walla, Wash.
CLARK J. WOOD, Minister	Seattle, Wash.
GERRIT P. VANDERENDE, Businessman	Tacoma, Wash.
FRANK NEAL, Attorney	Tacoma, Wash.
DANIEL E. TAYLOR, Minister	Wenatchee, Wash.

TERM EXPIRES IN 1956

*MURRAY L. JOHNSON, Physician	Tacoma, Wash.
H. L. BROWN, Manufacturer	Tacoma, Wash.
RAYMOND E. COOK, Educator	Tacoma, Wash.
PAUL B. HANAWALT, Educator	Puyallup, Wash.
RICHARD DECKER, Minister	Spokane, Wash.
ALBERT H. HOOKER, JR., Manufacturer	Tacoma, Wash.
*FRANKLIN E. JOHNSON, Accountant	Tacoma, Wash.
RICHARD K. WASSON, Accountant	Tacoma, Wash.
WILLIAM W. KILWORTH, Businessman	Tacoma, Wash.
R. FRANKLIN THOMPSON, Educator	Tacoma, Wash.
J. PHILIP WEYERHAEUSER, JR., Lumberman	Tacoma, Wash.
ERNEST HAROLD, Minister	Everett, Wash.

TERM EXPIRES IN 1957

DONALD SHOTWELL, Contractor	Tacoma, Wash.
NORTON CLAPP, Attorney	Seattle, Wash.
MRS. ELMER GOUDY, Housewife	Portland, Ore.
MELVIN FINKBEINER, Minister	Chehalis, Wash.
*HARDYN B. SOULE, Judge	Tacoma, Wash.
G. E. KARLEN, Lumberman	Tacoma, Wash.
C. M. HOLTZINGER, Orchardist	Yakima, Wash.
FRANK S. BAKER, Newspaper Publisher	Tacoma, Wash.
HAROLD B. LONG, Minister	Tacoma, Wash.
ROE E. SHAUB, Businessman	Tacoma, Wash.
THOMAS PORRO, Businessman	Tacoma, Wash.
*MRS. LESTER WEHMHOF, Housewife	Tacoma, Wash.

EXECUTIVE COMMITTEE

William W. Kilworth, Harry L. Brown, Dix H. Rowland, Norton Clapp, Richard K. Wasson,
G. E. Karlen, Franklin E. Johnson, R. Franklin Thompson, Roe Schaub.

*Elected by Alumni.

ADMINISTRATIVE OFFICERS AND ASSISTANTS

OFFICE OF THE PRESIDENT

ROBERT FRANKLIN THOMPSON, A.M., B.D., Ph.D., LL.D.President
MOZELLE M. LOWESecretary

OFFICE OF THE DEAN

JOHN DICKINSON REGESTER, S.T.B., Ph.D.Dean of the College
GENE B. DAVIESSecretary

OFFICE OF THE BURSAR

WILLIAM GERARD BANKS, A.M.Bursar
VESTA HETRICKSecretary
VICTORIA E. GREENAuditor
MARGARET HOLMES, A.B.Purchasing Agent
MARION L. JOHNSON, B.S.Disbursing Agent
HELEN FERGUSONReceptionist
FLORENCE PERRYBookkeeper
VELORA DAHLUMSwitchboard
BEVERLY ANDERSENAssistant Secretary

OFFICE OF THE REGISTRAR

RICHARD DALE SMITH, A.B.Registrar and Director of Admissions
HELEN W. BAY, A.B.Assistant Registrar
JANE M. SLIPPSecretary
LOIS R. STOAKSRecorder
MAXINE BAILEYReceptionist

OFFICE OF THE DEAN OF WOMEN

LEONE MURRAY, A.M.Dean of Women

OFFICE OF THE DEAN OF MEN

RAYMOND L. POWELL, Ph.D.Dean of Men
PAULINE ADAMSSecretary

THE LIBRARY

WARREN L. PERRY, B.S. in L.S., A.M.Librarian
LAVERNE GOMAN, A.B., A.B. in L.S.Reference Librarian
JAMES W. CHASE, M.Libr.College Librarian
MARY S. MOENSecretary, and Assistant for Audio-Visual Program
FLORENE GARYCirculation Assistant

THE BOOK STORE

JULIUS P. JAEGER, Ph.D.Manager
GRACE BERRYClerk

HEALTH SERVICES

C. G. TRIMBLE, M.D.Medical Adviser
VIRGINIA LUCKY, R. N.School Nurse

PUBLIC RELATIONS

ROBERT E. SCONCE, A.B.Director of Publicity

THE PRINT SHOP

AVA VAN BUSKIRKManager
MARGARET ANDERSONLithography
DORIS ANDRENAddressograph and Mailing

RESIDENCES AND FOOD SERVICE

CAROLYN SCHNEIDERDirector of Anderson Hall
ESTHER LANGDONDirector of Todd Hall
MELBA ROLLEFSON, B.S.Director of the Commons

BUILDINGS AND GROUNDS

RALPH GALLANTSuperintendent of Plant

FIELD HOUSE

TED DROETTBOOMManager

FACULTY

ROBERT FRANKLIN THOMPSON, A.M., B.D., Ph.D., LL.D.....*President*

A.B., Nebraska Wesleyan University, 1930; A.M., B.D., Ph.D., Drew University, 1931, 1934, 1936; LL.D., Nebraska Wesleyan University, 1947. Study as Delaplaine-McDaniel Fellow at Mansfield College, Oxford University of Basel, and University of Zurich. Associate Professor of Classics, Willamette University, 1937-42, Dean of Freshmen, 1939-41, and Vice-President, 1941-42; President of College of Puget Sound, 1942-.

CHARLES THOMAS BATTIN, Ph.D.....*Professor Emeritus of Economics*

A.B., Ottawa University, 1913; Ph.D., University of Chicago, 1937. Student at the University of Rochester, 1915-16; University of Kansas, Summer, 1917; University de Montpellier, 1919; University of Chicago, Summer, 1940. Instructor of Sociology and Economics, Ottawa University, 1916-17; Manager, Foreign and Commercial Department, Cia Expresso Federale, Rio de Janiero, 1920-24; Research Assistant, University of Chicago, 1924-26; Professor of Economics, College of Puget Sound, 1926-43 (with the National War Labor Board as Wage Stabilization Director for Alaska, 1943-45) and 1945-55.

LYLE FORD DRUSHEL, A.M.....*Dean Emeritus of Women*

A.B., College of Puget Sound, 1912; A.M., New York University, 1936. Teacher, public schools, 1912-17, 1919-27; Dean of Women and Assistant Professor of English, College of Puget Sound, 1931-44 and Associate Professor, 1944-53.

JULIUS PETER JAEGER, Ph.D.....*Professor Emeritus of English*

A.B., Spokane University, 1918; A.M., University of Washington, 1926, and Ph.D., 1935. Resident Master and Instructor in English, Lakeside School for Boys, Seattle, 1925-28; Professor of English, Spokane University, 1918-23; Professor of English, College of Puget Sound, 1929-52.

BERTHA WOOD ROBBINS, Ph.B.

.....*Assistant Professor Emeritus of Spanish*

Ph.B., DePauw University, 1903. Principal, "Instituto Ingles," Callao, Peru, 1903-06; Teacher and Interpreter, La Paz, Bolivia, 1907-08; Interpreter for the United States Immigration Department; Instructor in Spanish, College of Puget Sound, 1929-44 and Assistant Professor, 1944-46, 1949-50.

CHARLES ARTHUR ROBBINS, A.B., LL.D.....*Bursar Emeritus*

A.B., DePauw University, 1904; LL.D., College of Puget Sound, 1947. In business, Chile, Peru and Bolivia, 1906-11, and Tacoma, 1911-16; Diplomatic Service, United States Legation, Copenhagen, 1918-19; Bursar and Associate Professor of Spanish, College of Puget Sound, 1916-46.

RAYMOND SANFORD SEWARD, Ph.D.....*Professor Emeritus of Physics*

B.S., Pomona College, 1912; A.M., University of California, 1921; Ph.D., Stanford University, 1930. Teacher, California Secondary Schools, 1913-23; Professor of Physics, College of Puget Sound, 1923-55, Emeritus, 1955-.

JAMES RODENBURG SLATER, A.M., M.Pd., D.Sci.

.....*Professor Emeritus of Biology*

Litt.B., Rutgers College, 1913; A.M., Syracuse University, 1917, and M.Pd., 1919; D.Sci., College of Puget Sound, 1954. Principal, Normal Department, Leland University, 1914-15; Professor of Biology, College of Puget Sound, 1919-51.

BLANCHE WHITTIER STEVENS, M.S.*Professor Emeritus of Home Economics*

B.S., Stout Institute, 1919; M.S., Oregon State College, 1929. Head of Trade Dress-making Department, Stout Institute, 1912-14; Head of Home Economics Department, Washington State Normal School, Cheney, 1914-20; Instructor in School of Home Economics, Oregon State College, 1920-27; Associate Professor of Home Economics, College of Puget Sound, 1927-30, and Professor, 1930-47.

GORDON DEE ALCORN, Ph.D......*Professor of Biology*

B.S., College of Puget Sound, 1930; M.S., University of Washington, 1933, and Ph.D., 1935. Associate Professor of Botany, University of Idaho, 1935-37; Professor of Biology, Grays Harbor Junior College, 1937, Vice-President, 1939-43, and President, 1945-46; Lecturer, War Manpower Commission, 1943-45; Associate Professor of Biology, College of Puget Sound, 1946-47, and Professor, 1947-.

NORMAN RODERICK ANDERSON, M.S......*Assistant Professor of Geology*

B.S., College of Puget Sound, 1946. Graduate study, University of Washington, 1946-47, 1948-49, 1952-53 and University of Utah, 1951-52. Instructor in Geology, College of Puget Sound, 1949-50, 1953-55, and Assistant Professor, 1955-.

OTTO GEORGE BACHIMONT, A.M......*Associate Professor of German*

A.B., Wartburg College, 1927, and University of Iowa, 1929; A.M., University of Iowa, 1930. Graduate study at the University of Iowa, Summers, 1930-31; at the University of Wisconsin, 1933-35; at Gonzaga University, Summer, 1944; at Washington State College, 1948; at the University of Washington, 1948-49; and at the University of Guadalupe, Summer, 1953. Instructor, Wartburg College, 1930-33; Graduate Assistant, University of Wisconsin, 1933-35; Professor, Knoxville College, 1935-36; Professor, Whitworth College, 1936-48; Assistant Professor of German, College of Puget Sound, 1948-52; Associate Professor, 1952-53, and Associate Professor of German and Spanish, 1953-.

***WILBUR HOWARD BAISINGER, A.M.**.....*Assistant Professor of Speech*

A.B., College of Puget Sound, 1941; A.M., Northwestern University, 1947, and graduate study, 1953-55. Instructor in Speech, College of Puget Sound 1947-53 and Assistant Professor, 1953-.

WILLIAM GERARD BANKS, A.M......*Bursar*

A.B., Centenary College, 1927; A.M., University of Virginia, 1930. Graduate study at University of Chicago, Summers, 1938-40; University of Texas, Summer, 1939. Teaching Fellow in Physics, University of Virginia, 1927-28 and 1929-30; Teaching Fellow in Geology, University of Virginia, 1931-32; Instructor in Mathematics, Centenary College of Louisiana, 1932-41, Assistant Professor, 1941-43, Associate Professor, 1943-45, Professor, 1945-46. Bursar, Centenary College of Louisiana, 1933-35, and 1942-43, and Assistant to the President, 1943-45; Bursar, College of Puget Sound, 1946-.

DORIS B. BENNETT, A.M......*Assistant Professor of English*

A.B., University of Nebraska, 1927; A.M., University of Washington, 1930. Teacher, Public Schools, 1927-29, 1930-34. Instructor in English, College of Puget Sound, 1946-53 and Assistant Professor, 1953-.

GORDON WILLIAM BERTRAM, A.B......*Assistant Professor of Economics*

A.B., University of British Columbia, 1945. Graduate study, University of California, 1947-51. Research Assistant, University of California Bureau of Business and Economic Research and Institute of Industrial Relations, 1951-52; Economist, Pabco Products Inc., 1952-53; Lecturer, Massey Seminars, 1951-53; Instructor in Economics, College of Puget Sound, 1953-55, and Assistant Professor, 1955-.

*On leave 1952-55.

FACULTY

ALICE CLARA BOND, A.M......*Assistant Professor of Physical Education*

B.S., University of Iowa, 1931; A.M., Columbia University, 1932. Study at University of Washington, 1946-47. Director of Athletics, Miss Harris' School, Miami, Florida, 1932-33; Instructor in Physical Education, Drury College, 1933-34; Rochester High School and Junior College, 1934-36; University of Georgia, 1936-39; University of Illinois, 1939-41; Purdue University, 1941-43; U.S. Marine Corps, 1943-46; Assistant Professor of Physical Education, College of Puget Sound, 1947-.

JEAN SPENCER BOWERS, M.S......*Instructor in Home Economics*

B.S., University of Idaho, 1939; M.S., University of Iowa, 1940. Dietician, Sacred Heart Hospital, Spokane, 1940-42, Fort George Wright, 1942-43, Black Hills General Hospital, Rapid City, 1944-45; Home Economist, Pennsylvania Power and Light Co., Harrisburg, 1947-48; Instructor in Home Economics, College of Puget Sound, 1952-.

***SHIRLEY MARY BOWING, B.S., O.T.R.**

.....*Assistant Professor, Director of Occupational Therapy*

B.S., University of Minnesota, 1943; Certificate in Occupational Therapy, Columbia University, 1945. Recreation and Arts and Crafts Teacher, American Red Cross-Army Hospital, Topeka, Kansas, 1943-44; Chief Occupational Therapist, Veteran's Administration Hospitals, Cheyenne, Wyoming, 1945-47, and Vancouver, Washington, 1947-48; Director of Homebound Projects, Oregon Society for Crippled Children and Adults, 1948-49; Director of Occupational Therapy, Portland (Oregon) Rehabilitation Center, 1949-51; Instructor in Occupational Therapy, College of Puget Sound, 1951-53 and Assistant Professor and Director of Occupational Therapy, 1953-.

THOMAS CHARLES BURRIS, M.M......*Instructor in Wind Instruments*

B.M., Eastman School of Music, 1948; M.M., University of Southern California, 1949. Assistant Band Director, Drake University, 1950-53; Instructor in Wind Instruments, College of Puget Sound, 1953-.

ELLERY CAPEN, M.B.A.

.....*Professor of Business Administration and Economics*

B.B.A., University of Washington, 1925, and M.B.A., 1931. Student at University of Washington, Summers, 1936, 1937, 1939, 1947 and 1950. Teacher, Public Schools, 1926-30; Instructor in Accounting, University of Washington, 1930-31; Professor of Accounting, University of Maryland, 1950-51; Assistant Professor of Business Administration and Economics, College of Puget Sound, 1931-42, Associate Professor, 1942-53 and Professor, 1953-.

WILLIS L. CARRUTH, M.S......*Professor of Chemistry*

A.B., Asbury College, Kentucky, 1935; M.S., University of Kentucky, 1938. Study at University of Chicago, Summer 1938; University of Nebraska, Summer 1945; University of Washington, Summers 1939, 1950. Laboratory Instructor in Chemistry, Asbury College, 1932-36, and in Mathematics, 1934-35; Instructor in Chemistry, University of South Dakota, 1936-38; Professor of Chemistry, Lewis and Clark College, 1938-44, and Registrar and Administrative Secretary, 1942-44; Professor of Chemistry, Nebraska Wesleyan University, 1944-46, and Instructor in Mathematics, Summer 1945; Associate Professor of Mathematics, College of Puget Sound, 1946, and of Chemistry, 1947-50 and Professor of Chemistry, 1950-.

COOLIDGE OTIS CHAPMAN, Ph.D......*Professor of English*

A.B., Cornell University, 1924, A.M., 1925, and Ph.D., 1927. Instructor in English, Williams College, 1927-31; Visiting Professor, Cornell University, Summers 1946, 1947 and Resident Doctor, 1949-50; Associate Professor of English, College of Puget Sound, 1932-37 and Professor, 1937-.

*On leave 1954-55.

FRANCES FULLERTON CHUBB, M.F.A.....*Assistant Professor of Art*
 B.F.A., College of Puget Sound, 1939, Teaching Certificate, 1940; M.F.A., University of Washington, 1952. Fellow in Art, College of Puget Sound, 1940-42, Instructor, 1942-53 and Assistant Professor 1953-.

CALVIN BREWSTER COULTER, JR., Ph.D.....*Professor of History*
 A.B., Columbia College, 1938; A.M., Columbia University, 1940, and Princeton University, 1942; Ph.D., Princeton University, 1945. Assistant in History, College of William and Mary, 1941-43; Instructor, University of Delaware, 1945, and Visiting Associate Professor of History, Summer 1949; Assistant Professor of History and Political Science, College of Puget Sound, 1945-46, Associate Professor, 1946-54, and Professor, 1955-.

JOHN ROWLAND COWELL, M.Mus.
*Assistant Professor of Piano and Composition*
 B.Mus., Philadelphia Conservatory of Music, 1942, and Yale University, 1947; M.Mus., Yale University, 1948. Instructor in piano and theory, New Haven Conservatory of Music, 1946-48; Instructor in piano, College of Puget Sound, 1948-52 and Assistant Professor, 1952-.

PHILIP RAYMER FEHLANDT, Ph.D.....*Professor of Chemistry*
 A.B., Ripon College, 1922; A.M., University of Wisconsin, 1930, and Ph.D., 1934. Assistant Instructor, University of Wisconsin, 1929-34; Assistant Professor of Chemistry, Wittenberg College, 1934-37; USA Chemical Warfare Service, 1942-46, and Fulbright Appointment in Burma, 1951-52; Assistant Professor of Chemistry, College of Puget Sound, 1937-38, Associate Professor, 1938-40 and Professor, 1940-.

HELEN MCKINNEY FOSSUM, Ph.D.....*Professor of Romance Languages*
 A.B., University of Kansas, 1918, and A.M., 1926; Ph.D., University of California, 1936. Student at Columbia University, Summer 1921; University of Paris, 1924, Summer 1939, and second semester of 1948-49. Associate Professor and Dean of Women, Central College, 1922-30; Head of Language Department and Dean of Women, Golden Gate Junior College, 1933-36; Associate Professor of French, Adams (Colorado) State Teachers College, 1936-38; Assistant Professor of French, College of Puget Sound, 1938-40, Associate Professor, 1940-42 and Professor, 1942-.

ARTHUR LESTER FREDERICK, A.M.
*Professor, John O. Foster Chair of Religious Education*
 Ph.B., Lawrence College, 1920; A.M., Northwestern University, 1922. Student at Garrett Theological Seminary, 1920-23, Northwestern University, 1922-23, and Summer 1930. Fellow in Religious Education, Northwestern University, 1922-23; Educational Director, St. Paul's Methodist Church, Cedar Rapids, Iowa, 1923-24; Director of Religious Education, South Bend, Indiana, Methodist Church, 1924-27; Professor of Religious Education, College of Puget Sound, 1927-.

EDWARD DELMAR GIBBS, Ph.D.....*Professor of Education*
 A.B., Huron College, 1933; B.S., Dakota Wesleyan University, 1934; A.M., University of South Dakota, 1938; Ph.D., University of Chicago, 1950. Teacher, public schools, 1934-36; Assistant Professor of Education, College of Puget Sound, 1941-44, Associate Professor, 1944-50 and Professor, 1950-.

EDWARD GORDON GOMAN, M.S.....*Assistant Professor of Mathematics*
 B.S., Oregon State College, 1943, and M.S., 1947. U.S.N., 1943-46; Teaching Fellow in Mathematics, Oregon State College, 1946-47; Instructor in Mathematics, College of Puget Sound, 1947-48 and Assistant Professor, 1948-.

JACK J. HAEK, MAJOR, USAF.....*Assistant Professor of Air Science*

FACULTY

JUANITA WALTER HAINES, A.M.

.....*Assistant Professor of Art and Home Economics*
A.B., University of Washington, 1937, and A.M., 1940. Study at University of Columbia, 1941, University of Minnesota, 1946, and University of Southern California, 1948. Teacher of Art, High School, 1937-41; Assistant Professor in Art, Central Washington College of Education, 1941-44; Art Instructor, University of Minnesota, 1944-47; Instructor in Art and Home Economics, College of Puget Sound, 1948-50 and Assistant Professor, 1950-.

JOHN PATRICK HEINRICK, A.M.

.....*Assistant Professor and Director of Physical Education*
A.B., University of Washington, 1926, and Teacher's Certificate, 1931; Principal's Credential, College of Puget Sound, 1942; A.M., Seattle University, 1952. Teacher, Public High Schools, 1927-47; Coach, Stadium High School, Tacoma, 1935-47, and Boys' Counsellor and Athletic Director, 1941-47; Basketball Coach, College of Puget Sound, 1945-, Assistant Professor in Physical Education, 1947-, and *Director of Physical Education*, 1948-.

JOSEPH HEMEL, B.S., B.Ed. in Phys.Ed.....*Instructor in Physical Education*

B.S., Washington State College, 1947, and B.Ed. in Phys. Ed., 1948. Teacher and Coach, public schools, 1950-52; Instructor in Physical Education, College of Puget Sound, 1952-.

LEONARD GEORGE JACOBSEN, M.Mus.....*Professor of Pianoforte*

B.M., Northwestern University, 1931; M.Mus., Eastman School of Music, 1950. Professor of Pianoforte, College of Puget Sound, 1931-43 (USA, 1943-45), and 1945-.

DAVID LYALL JAMIESON, A.B., LL.B.

.....*Assistant Professor of Business Administration*
A.B., College of Puget Sound, 1941; LL.B., University of Washington, 1948. Instructor in Business Administration, College of Puget Sound, 1948-50 and Assistant Professor, 1950-.

GRACE MARION JOHNSON, A.B., O.T.R.

.....*Instructor in Occupational Therapy*
A.B., Montana State University, 1934; Certificate in Occupational Therapy, University of Southern California, 1951. Occupational Therapist, Portland (Oregon) Rehabilitation Center, 1951-52; Instructor in Occupational Therapy, College of Puget Sound, 1952-.

MARTHA PEARL JONES, A.M.....*Professor of Speech*

B.S., Kansas State College, 1919; A.M., Northwestern University, 1927. Graduate study at the University of Chicago, Summers 1931, 1933; University of California, Summer 1940; Northwestern University, Summer 1946. Teacher, public schools, 1919-26, 1928-30; Professor of Drama, Baker University, 1926-28; Professor of Speech, College of Puget Sound, 1930-.

*JOHN TOLLEF LANTZ, B.S.....*Assistant Professor of Mathematics*

B.S., College of Puget Sound, 1946. Graduate study at the University of Washington, 1954-55. Instructor in Mathematics, College of Puget Sound, 1946-50 and Assistant Professor, 1952-.

ANNABEL LEE, A.M.....*Assistant Professor of Education*

B.S., Kansas City Teachers College, 1935; A.M., Northwestern University, 1941. Graduate study, University of Washington, 1952-53. Teacher, public schools, 1935-42, 1945-52, Instructor, Harding College, 1942-44, and Summers 1949, 1950, 1951; William Penn College, Summers 1947, 1948; Assistant Professor, College of Puget Sound, Summer 1952, 1953-.

*On leave 1954-55.

JANETTE BLAKE LOUTZENHISER, A.B., O.T.R.*Assistant Professor, Acting Director of Occupational Therapy*

A.B., College of Puget Sound, 1948, and Certificate in Occupational Therapy, 1948. Director of Occupational Therapy, Tacoma Occupational Therapy Workshop, 1948-50, and Tacoma-Pierce County School for Crippled Children, 1950-51, 1952-54; Assistant Professor and Acting Director of Occupational Therapy, College of Puget Sound, 1954-55.

JOHN BENJAMIN MAGEE, S.T.B., Ph.D.*Professor of Philosophy and Religion*

A.B., University of Washington, 1938; A.M., Boston University, 1940, and S.T.B., 1941; A.M., Harvard University, 1946, and Ph.D., 1950. Professor of Philosophy, Morningside College, Iowa, 1945-47; Associate Professor of Philosophy and Religion, College of Puget Sound, 1947-50 and Professor, 1950-.

JACQUELINE MARTIN, A.M. Assistant Professor of French and Spanish

Brevet Sup., Ecole Supérieure, Luneville, France, 1939; A.B., University of Washington, 1944; A.M., Boston University, 1952. Graduate study at Boston University, 1951-54. Teaching Fellow, University of Washington, 1946-47; Instructor, St. Nicholas School and Bush School (Seattle), 1945-47, Central Washington College of Education, 1947-48, College of Puget Sound, 1948-51 and 1954-55, and Assistant Professor, 1955-.

FREDERICK ANSTON McMILLIN, M.S. Professor of Geology

A.B., Willamette University, 1916, and M.S., 1917. Research in High Explosives, United States Navy Laboratory, 1917-19. Graduate Student and Instructor in Chemistry, University of Washington, 1920-23; Head of the Department of Chemistry and Geology, Idaho Technical Institute, 1923-24; Assistant Professor of Chemistry, College of Puget Sound, 1924-25, Associate Professor of Chemistry, 1925-27, Associate Professor of Chemistry and Geology, 1927-32 and Professor of Geology, 1932-44 (US Geological Survey, 1944-46), 1946-.

CHRISTIAN MILLER, A.M. Associate Professor of Education and German

A.B., Valparaiso University, 1920; Ph.B. in Education, University of Chicago, 1928, and A.M., 1929. Student at the University of Chicago, 1929-31; University of Washington, 1937-38. Director of Anglo-American Institute, University of Oslo, 1946-47; Assistant Director, Cooperative International Summer School, Gothenburg, Sweden, Summers 1951, 1952; Registrar and Assistant Professor, College of Puget Sound, 1931-44 and Associate Professor, 1944-.

LEONE MURRAY, A.M. Dean of Women and Instructor in Sociology

B.S., Northwestern University, 1945, and A.M., 1949. Resident Counselor, Northwestern University, 1944-45; Assistant to Director of Student Affairs, University of Iowa, 1945-46; Director of Dormitory, Northwestern University, 1946-51; Teacher and Counselor, public schools, 1951-53; Dean of Women and Instructor in Sociology, College of Puget Sound, 1953-.

MARION JUNE MYERS, A.B. Instructor in English

A.B., College of Puget Sound, 1921. Graduate study at Ohio State University, 1925-26; University of Wisconsin, 1935; Ohio State University, 1936; University of Washington, Summer 1936. Teacher in High Schools, 1921-33, 1936-40; Instructor in English, College of Puget Sound, 1946-.

MARGARET MYLES Instructor in Voice

Student of Frank LaFarges, New York City, and of Arthur Burton, Chicago. Assistant in Voice, College of Puget Sound, 1945-46, 1947-49, and Instructor in Voice, College of Puget Sound, 1949-.

FACULTY

*MARTIN, E. NELSON, Ph.D. Associate Professor of Physics
B.S., College of Puget Sound, 1937; M.S., University of Hawaii, 1939; Ph.D., Ohio State University, 1942. Assistant, Ohio State University, 1939-42; Physicist in War Research at Princeton University, 1942; Instructor, University of Illinois, 1942-44; Physicist, Navy Dept., 1944-46; Instructor, Ohio State University Graduate Center, Wright Field, Summer 1949; Assistant Professor of Physics, College of Puget Sound, 1946-47, Associate Professor 1947-52, on leave 1952-.

EDWIN HERBERT OLSON, Ph.D. Assistant Professor of Psychology
A.B., Hamline University, 1948; A.M., University of Denver, 1949, and Ph.D., 1953. Psychometrist, University of Denver, 1948-49, Counselor 1949-50, and Instructor in Vocational Guidance, 1953-54; Assistant Professor of Psychology, College of Puget Sound, 1954-.

LEROY OSTRANSKY, A.M. Assistant Professor of Music Theory
A.B., College of Puget Sound, 1948; A.M., New York University, 1951. Special Lecturer in Arranging, Washington and Lee University, 1944; USA, Music Arranger for War Bond Shows, 1944-45; Assistant in Music Theory, College of Puget Sound, 1946-48, Instructor in Music Theory, 1948-50, Composer in Residence and Instructor in Music Theory, 1950-52 and Assistant Professor, 1952-.

ROBERT C. OWEN, MAJOR, USAF Professor of Air Science

BLAINE W. PACK, CAPTAIN, USAF Assistant Professor of Air Science

WARREN PERRY, A.M. Librarian; Professor
A.B., University of Washington, 1923, and B.S. (Library Science), 1927; A.M., University of Illinois, 1933. Head of Exchange Division, University of Illinois Library, 1923-26; Reference Department, Seattle Public Library, 1926-27; Librarian, College of Puget Sound, 1927-42 (USA, 1942-46), 1946-.

FRANK NEWELL PETERSON, A.B., Th.M. Assistant Professor of Sociology
A.B., College of Puget Sound, 1950; Th.M., Iliff School of Theology, 1953. Graduate Assistant, Iliff School of Theology, 1951-54; Instructor in Sociology, College of Puget Sound, 1954-55 and Assistant Professor 1955-.

JOHN WILLIAM PHILLIPS, S.T.B., Ph.D. Professor of Religion and Sociology
A.B., Baker University, 1942; S.T.B., Boston University, 1945 and Ph.D., 1948. Minister, Community Church, Islington, Massachusetts, 1944-47; Associate Professor in Cooperative International Summer School, Gothenburg, Sweden, Summer 1951; Instructor in Religion and Sociology, College of Puget Sound, 1947-48, Assistant Professor 1948-51, Associate Professor 1951-55, and Professor 1955-.

RAYMOND LEO POWELL, Ph.D. Dean of Men and Professor of Education
A.B., Coe College, 1923; A.M., University of Iowa, 1928, and Ph.D., 1932. Study at the University of Chicago, Summer 1936. Teacher, Coach, and Superintendent, Iowa Secondary Schools, 1923-30; Graduate Assistant in Education, University of Iowa, 1930-31; Instructor in Education, Coe College, 1931-32; Head, Department of Education, Parsons College, 1932-36; Associate Professor of Education, College of Puget Sound, 1936-39, Professor 1939-42 (USA, 1942-45) and 1946-; Dean of Men, 1948-.

*On leave 1953-.

CHARLOTTE S. PRICE, Ph.D......*Instructor in English*

Diploma, Oberschule für Mädchen, Vienna, 1948; A.M., University of Kansas, 1952; Ph.D., University of Vienna, 1953. Instructor in German, Washington State College, 1953-54; Instructor in English, College of Puget Sound, 1954-.

***IVAN B. RASMUSSEN, A.B., M.Mus.**.....*Associate Professor of Voice*

A.B., and B.Mus., Yankton College, 1929; M.Mus., Syracuse University, 1934. Study at Syracuse University, Summer 1937, 1938, with Coenraad Bos, New York City, 1946, Juilliard School of Music, Summer 1949 and in Europe 1954-55. Instructor in Voice and Piano, Yankton College, 1929-32; Garden City Junior College (Kansas), 1934; Judson College, 1935-38; Culver Military Academy, Summer 1936; Birmingham Conservatory, 1938-42; Assistant Professor of Voice, College of Puget Sound, 1946-49 and Associate Professor, 1949-.

JOHN DICKINSON REGESTER, Ph.D.

.....*Dean of the College and Professor of Philosophy*

A.B., Allegheny College, 1920; S.T.B., Boston University, 1922, and Ph.D., 1928. Study at Harvard University, 1921-22; University of Edinburgh, 1923-24; University of Basel, Summer 1924; University of Chicago, Summer 1937. Borden P. Browne Fellow in Philosophy, Boston University Graduate School, 1922-23 and 1927-28; Jacob Sleeper Traveling Fellowship, Boston University, 1923-24; Professor of Philosophy, Boston University, Summer 1934; Professor of Philosophy, College of Puget Sound, 1924-; Dean, 1936-.

JAMES BRUCE RODGERS., Ph.D.

.....*Professor and Director of the Department of Music*

B.M. and M.M., Eastman School of Music, 1942, 1947; Ph.D., University of California in Los Angeles, 1954. Assistant Professor, University of Wyoming, 1947-50; Associate Professor and Director of the Department of Music, College of Puget Sound, 1952-55 and Professor, 1955-.

LYLE STANTON SHELMDINE, Ph.D......*Professor of History*

A.B., Grinnell College, 1930; A.M., University of Iowa, 1935, and Ph.D., 1939. Study at Princeton University, Summer 1938. Instructor in History and English, American College, Tarsus, Turkey, 1930-34; Assistant in United States History, University of Iowa, 1934-36; Visiting Professor of History, University of Puerto Rico, 1951-52 and University of Washington, 1953-54; Assistant Professor of History and Political Science, College of Puget Sound, 1936-40, Associate Professor 1940-42 (USN, 1942-46), and Professor, 1946-.

RICHARD DALE SMITH, A.B......*Registrar and Director of Admissions*

A.B., College of Puget Sound, 1936; Secondary Teacher's Certificate, College of Puget Sound, 1937. Graduate study, Oregon State College, 1946. Instructor in Mathematics and History, Puyallup High School, 1938; Field and Alumni Secretary, College of Puget Sound, 1938-42 (USN, 1942-45), Registrar and Alumni Secretary, 1946-50 (USN, 1950-52) and Registrar, 1952-.

ROBERT D. SPRENGER, Ph.D......*Professor of Chemistry*

B.S., College of Puget Sound, 1940; M.S., Syracuse University, 1942, and Ph.D., 1946. Teaching Assistant, Syracuse University, 1940-42; Norwich Fellow, 1943-46; Employment of the duPont Co., 1942; Assistant Professor of Chemistry, College of Puget Sound, 1943 and 1946-47, Associate Professor, 1947-53 and Professor, 1953-.

*On leave 1954-55.

FACULTY

WARREN EVERETT TOMLINSON, Ph.D.

.....*Professor of German and Associate Professor of History*
A.B., Carleton College, 1924; Ph.D., University of Berlin, 1933. Instructor in English, Sorsogon High School, Sorsogon, P.I., 1924-26, and Principal of High School, Cebu, P.I., 1926-27; Instructor in English, Berliner Abendgymnasium, Berlin, 1927-32; Associate Professor of German, College of Puget Sound, 1933-38, Professor, 1938-, Assistant Professor of History, 1942-47; Director, Workshop in International Relations, University of British Columbia, Summers 1945, 1946, 1947; Visiting Professor, Hofstra College, Summer 1948; Professor of German and Associate Professor of History, College of Puget Sound, 1947-.

HUGH J. TUDOR, Ph.D. *Professor of Political Science*

A.B., Simpson College, 1926; University of Chicago, 1926, 1927-28, 1929; A.M., University of Iowa, 1932, and Ph.D., 1933. Instructor in History and Political Science, Morningside College, 1928-30; Professor of Political Science, State Teachers College, New Mexico, 1933-42; Dept. of Standards, Allison Div. of General Motors, 1942-43; Associate Professor, University of Omaha, 1943-46; Associate Professor of Political Science, College of Puget Sound, 1946-50 and Professor, 1950-.

HELEN LOUISE VAN GILDER, B.S., R.N. *Assistant Professor of Biology*

B.S. in Nursing, University of Washington, 1931. Instructor, St. Elizabeth's Hospital, Yakima, 1933-34; Educational Director, Port Angeles General Hospital, 1935-37; St. Ignatius Hospital, Colfax, 1937-39; Assistant Director, St. Luke's Hospital, Duluth, 1939-40; Educational Director, Providence Hospital, Everett, 1940-43, 1946-47; U.S. Army Nurses Corps, 1943-46; Instructor in Biology, College of Puget Sound, 1947-53 and Assistant Professor, 1953-.

RAYMOND VAUGHT, A.M., M.Mus. *Associate Professor of Violin*

A.B., University of Idaho, 1938 and A.M., 1940; M.Mus., Eastman School of Music, Rochester, N.Y., 1946. Graduate study, Stanford University, 1953-54. Teacher, High Schools, 1938-40; Instructor, Hastings College, 1942-45; Violinist, Rochester Philharmonic Orchestra, 1945-46; Assistant Professor of Music, College of Puget Sound, 1946-50 and Associate Professor, 1950-.

KENNETH MERRIAM WALKER, M.S. *Instructor in Biology*

B.S., Oregon State College, 1943, and M.S., 1948. Graduate study, Oregon State College, 1948-51. Fellow, and Curator of the Museum, of the Biology Department, Oregon State College, 1947-51; Instructor in Biology, College of Puget Sound, 1951-.

A. KINGSLEY WEATHERHEAD, A.M. *Assistant Professor of English*

A.B., Cambridge University, 1945, and A.M., 1949; A.M., Edinburgh University, 1949. Graduate study, University of Washington, 1954-55. Instructor in English Literature, 1950-53 and Assistant Professor, 1953-.

LYNN LEOTA WENTWORTH, A.M. *Associate Professor of Art*

A.B., University of Washington, 1926, and A.M., 1927. Teaching Fellow, University of Washington, 1927-28; Teacher, Renton Public Schools, 1928-30; Lake Washington Schools, 1942-45; District Art Supervisor, Kirkland, 1945-47; Teacher, Kirkland Recreation Centers, Summers 1945-46; Assistant Professor in Art, College of Puget Sound, 1947-49 and Associate Professor, 1949-.

ROBERT M. WHITAKER, 1st LIEUT., USAF

.....*Assistant Professor of Air Science*

DONALD ALAN WOLVERS, A.B. *Instructor in Speech and Dramatics*

A.B., College of Puget Sound, 1953. Instructor, College of Puget Sound, 1953-55.

VISITING TEACHERS, LECTURERS AND ASSISTANTS

JOSEPH JAMES BALCER, B.S., LL.B.

B.S., University of Wisconsin, 1949, and LL.B., 1950; study at Denver University, 1950-51. Administrative Analyst, City of Kansas City, 1951-53; Administrative Assistant, City of Tacoma, 1953-. Lecturer on Public Finance, College of Puget Sound, evening classes, 1953-.

NANCY JANE BARE, A.B.

A.B., University of Washington, 1940. Graduate study in education at the University of Washington; professional study with Martha Graham and Louis Horst in New York. Teacher in public high schools, 1940-43; in Annie Wright Seminary, 1943-50; Head of Dance Department at the Cornish School, Seattle, Summers 1944, 1945. Assistant in Physical Education, College of Puget Sound, 1950-.

ANNE BARLOW, B.S.

B.S., University of Michigan, 1945. Assistant in Biology, College of Puget Sound, Spring 1955.

DONALD A. BURNS, A.B.

A.B., Syracuse University, 1951. Chemist, USAF, 1951-53, and National Cash Register Co., 1953-54; Teaching Fellow in Chemistry, College of Puget Sound, 1954-.

JAMES WALLACE CHASE, M.Lib.

B.S., University of Washington, 1949, and M.Lib., 1954. Librarian, Public Schools, 1951-; Catalog Librarian, College of Puget Sound, 1954-.

JOHN G. CHERRY, B.S.

B.S., Roosevelt College, 1948. Chemist, Los Angeles Air Pollution Control Board, 1953-54; Research Fellow in Chemistry, College of Puget Sound, 1954-.

JACK WESLEY COWAN, B.Ed., A.M.

A.B., College of Puget Sound, 1950, B.Ed., 1951 and A.M., 1954. Assistant in Biology, Spring 1955.

GLENN EASLEY, A.M.

A.B., Hardin-Simmons University, 1948; A.M., University of New Mexico, 1949. Director of Education for Delinquent Children, Albuquerque, 1949-51; Psychologist, State Hospitals, Abilene, Texas, 1951-53; Psychologist, Tacoma Public Schools, 1953-; Instructor in Education, College of Puget Sound, 1953-.

MARTIN FOPP

Head Instructor of Mount Hood, Alta, and Big Bromley Ski Schools. Winner of the Persenn Derby (Senior II twice, and Senior I once), of 1940 Rocky Mountain Championship (Aspen), of 1941 Far West Kandahar, of 1942 National Downhill Championship. Instructor in Skiing, College of Puget Sound, 1949-.

EDWARD F. GARRISON, A.B.

A.B., University of Washington, 1939. Reporter and Department Editor, Tacoma News Tribune. Instructor in Journalism, College of Puget Sound, 1952-.

ALBERT E. GRAHAM, A.B.

A.B., University of Washington, 1924. Feature-Advertising Manager, Tacoma News Tribune. Instructor in Advertising, College of Puget Sound, 1953-.

FACULTY

ETHEL GROSS

Graduated from Eastern Washington Teachers College, 1917; studied commercial subjects at Oregon State College, University of Washington, and Gregg College, Chicago. Assistant in Business Administration, College of Puget Sound, 1950-.

CHARLES GUILFORD, B.S., M.Mus.

B.S., College of Puget Sound, 1932; M.Mus., Illinois Wesleyan, 1939. Teacher of Mathematics, Prosser, 1933-34; Teacher of Music, Yelm, 1934-37; Band Director, Amboy, Illinois, 1939-41; Assistant Director of Music, Rome, New York, 1945-48; Securities Dealer, Frank Russell & Co., Tacoma, 1948-. Assistant in Economics, College of Puget Sound, 1949-.

SARAH COWAN HALL, A.B.

A.B., Arizona State College, 1943; Smith-Hughes Certificate. Teacher, public schools, 1943-47, 1948-51. Instructor in Home Economics, College of Puget Sound, 1952-.

AMORY ROBINSON HAYNES, B.S.

B.S., Washington State College, 1909, and teaching certificate, 1938. Testing Department, General Electric Company, Schenectady, N.Y., and Pittsfield, Mass., 1909-11; Puget Sound Power and Light Company, 1911-17, and 1919-27; Captain of Engineers, U.S. Army, 1917-19; Electrical Engineer, Tacoma Department of Public Utilities, 1927-32 and 1942. Teacher of Mathematics, Lincoln High School, Tacoma, 1932-42; Instructor in Engineering, College of Puget Sound, 1934-42 and 1951-.

ELLEN ROBERTA HERMINGHAUS, M.S. in Ed.

B.F.A. in Ed., University of Nebraska, 1928; M.S. in Ed., University of Idaho, 1952. Public School Teacher, 1928-; Curriculum Director, Pierce County (Wash.), 1952-; Instructor in Education, College of Puget Sound, Summer 1954, evening classes 1954-.

JAMES EDWARD KLAHN, M.S.

A.B., University of Iowa, 1948; M.S., Washington State College, 1950, and B.Ed., 1950. Psychologist, Tacoma Public Schools, 1950-. Instructor in Education, College of Puget Sound, evening classes, Spring 1955.

CASTAS JOHN KOUKLAKIS

Minister of the Greek Orthodox Church, Tacoma. Instructor in Greek, College of Puget Sound, Spring 1955.

THOMAS W. LANTZ, A.B.

A.B., Muhlenberg College, 1922; National Recreation Association School, Chicago, Summer 1922. Graduate study, University of Pennsylvania, 1931-32, 1939-40. Director of Recreation, Spring Lake, New Jersey, 1923-25; Superintendent of Public Recreation, Orlando, Florida, 1925-29, Reading, Pennsylvania, 1929-43, Denver, Colorado, 1943-44, Tacoma, Washington, 1944-. Guest lecturer, Syracuse University, University of Pennsylvania and Pennsylvania State College; Instructor in Recreation, College of Puget Sound, 1947-.

CHARLES P. LARSON, M.D.

A.B., Gonzaga University, 1931; M.D., C.M., Magill University, 1936; Certificate of Proficiency in Pathology, University of Michigan, 1939. Diplomate of the American Board of Clinical Pathology and Pathological Anatomy; Director of Laboratories, Tacoma General Hospital; Director of Laboratory Program, Medical Technology Curriculum, College of Puget Sound, 1950-.

GAVIN LAWSON, A.M.

A.B., University of Washington, 1943; A.M., Columbia University, 1947, and graduate work, 1947-48. Director, Counseling and Testing Services, Drake University, 1948-51; Director of Personnel, Des Moines (Iowa), 1951-53; Director of Personnel, Tacoma, 1953-; Lecturer in Business Administration and Political Science, College of Puget Sound, 1954-.

ROYAL BELLOWES LEACH, A.M.

A.B., Brown University, 1936; A.M., College of Puget Sound, 1953. Ford Foundation Fellow, 1953-54; Westinghouse Science Fellow, Massachusetts Institute of Technology, Summer 1954. Instructor in Education, College of Puget Sound, evening classes 1954-.

MILLCENT KAREN LEVY, B.B.A.

B.B.A., City College of New York, 1951. Assistant Buyer, Arnold Constable's, N.Y., 1951-54. Instructor in Retailing, College of Puget Sound, 1954-.

LLOYD LOWE, B.A. in Bus. Ad.

B.A. in Bus.Ed., College of Puget Sound, 1954. Teaching Fellow in Business Administration, College of Puget Sound, 1954-.

JOHN BRADY MARKS, Ph.D.

B.S., University of Chicago, 1938; M.S., University of Wisconsin, 1940; Ph.D., University of California, 1952. Teaching Assistant in Psychology, University of California, 1950; Clinical Psychologist, American Lake Veterans Hospital, 1953; Assistant Professor in Psychology, College of Puget Sound, 1953-.

HAROLD DeWITT MURLAND, A.B., LL.B.

A.B., College of Puget Sound, 1939; LL.B., University of Washington Law School, 1942. U.S.N., 1942-46; Instructor in Business Law, College of Puget Sound, 1946-.

HERMAN MATTISON MYHRMAN, A.M.

A.B., College of Puget Sound, 1931 and A.M., 1934. Teacher, Tacoma Public Schools, 1934-43, and Director of Audio-Visual Education, 1943-. Instructor, College of Puget Sound, Summer 1948 and evening classes, 1950-52, 1953-55.

FAYE B. NEEDHAM, A.B.

A.B., Whitman College, 1920. Instructor in Romance Languages, Whitman College, 1920-21; in English, Iquique English College, Chile, 1922-26; in French and Spanish, public schools, 1927-31, 1945-48. Instructor in Spanish, College of Puget Sound, 1944 and in English, February, 1954-.

SEIICHI NIWA

Graduate of Aoyama Theological Seminary, Tokyo; study at the University of Southern California, 1925-26. Instructor in Oriental Language, Civil Affairs Training School, University of Chicago and Northwestern University, 1943-45. Instructor in Japanese, College of Puget Sound, 1953-.

ANITA W. PRESTON, A.M., R.P.T.

B.S., State College of Washington, 1942; American Registry of Physical Therapists, 1946; A.M., University of Southern California, 1951. Physical Therapist, Pierce County Hospital, 1951-. Instructor in Kinesiology, College of Puget Sound, 1952-.

FACULTY

HOWARD G. ROSEN, A.B., M. in S.W.

A.B., Tulane University, 1948, and M. in S.W., 1950; Certificate, University of Pittsburgh School of Social Work, 1953. Chief Psychiatric Social Worker, and Director of the Tacoma-Pierce County Child Guidance Clinic, 1953-. Instructor in Mental Health Education, College of Puget Sound, 1953-.

MAURITA SHANKS RUNIONS, B.F.A.

B.F.A., College of Puget Sound, 1938. Teaching Certificate, 1939. Teaching Tacoma Public Schools, 1939-40. Instructor in Art, College of Puget Sound, 1950-51 and 1953-54.

JOHN SCHLARB, JR., A.M., L.H.D.

A.B., University of Washington, 1934; A.M., College of Puget Sound, 1935, and L.H.D., 1936. Lecturer in Sociology, College of Puget Sound, 1934-35; Director of Tacoma Credit Bureau; Lecturer in Business Administration, College of Puget Sound, 1954-55.

MARY SMITH, A.B.

A.B., Western Washington College of Education, 1936. Graduate study, University of Arizona. Teacher in the public schools of the State of Washington, 1925- (in Tacoma, 1935-); member of the State Department of Education for State Course of Study for high schools and grade schools, 1928-30; Chairman of Curriculum Committee in Field of Music, Tacoma Public Schools, 1937-48; Co-ordinator of Music in the Elementary Schools, Tacoma Public Schools, 1950-. Instructor in Elementary School Music, College of Puget Sound, Summers 1940-42, 1945, 1948, 1950 and regular sessions, 1949-55.

MYRLA SMITH, B.S. in Mus., O.T.R.

B.S. in Mus., University of California at Los Angeles, 1945; Certificate in Occupational Therapy, Philadelphia School of Occupational Therapy, 1946. Occupational Therapist, Brentwood Veterans' Administration Hospital, Los Angeles, 1946-51; Chief Occupational Therapist, American Lake Veterans' Administration Hospital, 1951-. Instructor in Occupational Therapy, College of Puget Sound, 1953-.

THOMSON PETTUS STANFIELD, B.A.

B.A. in Econ., College of Puget Sound, 1952. Graduate study, College of Puget Sound, 1952-53 and Summers 1953, 1954, Massachusetts Institute of Technology, 1953-54. Assistant in Business Administration, College of Puget Sound, Spring 1955.

LULA G. STEWART, O.T.R.

Diploma, Western College of Education, Kalamazoo, Occupational Therapy Director, Chataqua County (N.Y.) Sanatorium, 1928-37; State Sanatorium (Wallum Lake, Rhode Island), 1937-52. Assistant in Occupational Therapy, College of Puget Sound, 1952-.

ELMER T. THUNE, A.M.

A.B. and A.M., University of Washington, 1922, 1926. Teacher, principal and superintendent of public schools, 1911-53. Instructor in Education, College of Puget Sound, 1953-.

DONALD WALLACE, B.S. in B.A.

B.S. in B.A., University of Southern California, 1931. Traffic Manager, Tacoma Chamber of Commerce, 1946; Instructor in Business Administration, College of Puget Sound, Spring 1955.

MEDICAL ADVISORY BOARD FOR OCCUPATIONAL THERAPY

ERNEST E. BANFIELD, B.A., M.D.

F.A.C.S.; F.I.C.S.; Diplomat, American Board of Plastic Surgery; Consultant on Plastic Surgery, U.S. Indian Hospital (Tacoma), Veterans' Administration Hospital (American Lake); Staff of Tacoma General Hospital, St. Joseph's Hospital, Pierce County Hospital and Good Samaritan Hospital (Puyallup). Lecturer in plastic surgery, College of Puget Sound.

LEON S. DIAMOND, B.S.M., M.D.

Diplomat, American Board of Psychiatry; psychiatrist, U.S. Veterans' Hospital, American Lake; affiliate instructor at University of Washington Medical School. Lecturer in psychiatry, College of Puget Sound.

TREACY H. DUERFELDT, B.S., PH.C., M.S. (Pathology), M.D.

F.A.C.P.; F.A.C.A.; Certificate, American Board of Internal Medicine; Consultant, Madigan Army Hospital. Lecturer in cardiology, College of Puget Sound; Chairman of Medical Advisory Board for Occupational Therapy, 1950-54.

G. GEISSLER, B.S., M.S., M.D.

Consultant in ophthalmology, McNeil Island Penitentiary; Instructor in Ophthalmology, St. Joseph's Hospital, and Tacoma General Hospital Schools of Nursing; Staff of St. Joseph's, Tacoma General, Pierce County, and Doctor's Hospitals. Lecturer in Ophthalmology and Otology, College of Puget Sound.

HAROLD B. JOHNSTON, M.D.

Lecturer in neuroanatomy and neurology, College of Puget Sound.

ROBERT E. LANE, B.A., M.D.

Diplomat, American Board of Internal Medicine; Member, American Trudeau Society; Associate, American College of Chest Physicians. Lecturer in tuberculosis, College of Puget Sound.

ROBERT S. LANTIERE, B.A., M.D.

Staff of Tacoma General Hospital, St. Joseph's Hospital and Doctor's Hospital. Lecturer in General Medicine and Surgery, College of Puget Sound.

WENDELL S. PETERSON, B.S., M.D.

F.A.C.S., Diplomat, American Board of Orthopedic Surgery; Staff of Tacoma General Hospital, St. Joseph's Hospital, Doctor's Hospital and Pierce County Hospital. Consultant in orthopedics McChord A.F. Base, Mountain View Sanatorium and McNeil Island Penitentiary. Lecturer in Orthopedics, Tacoma General Hospital School of Nursing and College of Puget Sound. Chairman of Medical Advisory Board for Occupational Therapy, 1954-.

CHARLES E. KEMP, M.D.

Pediatrician, Tacoma. Guest lecturer in Cerebral Palsy, College of Puget Sound.

DUMONT S. STAATZ, M.D.

Orthopedist, Tacoma. Guest lecturer in Cerebral Palsy, College of Puget Sound.

DEGREES
GRANTED IN JUNE, 1954

DOCTOR OF LETTERS

Leslie Dixon Weatherhead, M.A., Ph.D., D.D.

DOCTOR OF LAWS

George Hugo Boldt, B.A., LL.B.

DOCTOR OF SCIENCE

James Rodenburg Slater, Litt.B., A.M., M.Pd.

MASTER OF ARTS

Jack Wesley Cowan, A.B., B.Ed.

William Ira Davisson, A.B.

MASTER OF BUSINESS ADMINISTRATION

John George Lang, B.A. in B.A.

Donald Park McClain, B.A. in B.A.

MASTER OF EDUCATION

Carrie Blanche Estes, B.S. in Ed.

Clarence E. Monson, A.B.

Ray Bernie Hinderlie, A.B.

John David Sharp, A.B., B.Ed.

BACHELOR OF EDUCATION

Jack Harry Buescher, A.B.

Pauline Louise Rice, B.S.

James Victor Parber, A.B.

John Howard Walters, B.Mus.

BACHELOR OF ARTS

Charles Gerow Adams

Donald Wayne Hazel

Gordon Walter Anderson

Glee Callahan Hohnbaum

Sandra Jeanne Anderson

Eric Gerard Kullberg, Jr.

Frances Burtine Beal

Diane Elizabeth McCormack

John Oscar Beimbom

Barbara Prentiss McLean

Janice Elaine Beitz

Marilyn Joan Myers

Lea Mae Blackburn

Selma Alfrida Myhre, with honors

Charles Gartman Caddey

Guy William Nick

Marian Lynette Christie

Robert Gene Omer

Ida Apetz Downing, with honors

Richard James Perkins

William David Ellington

Marilyn Dell Ruchty

Billie Lou Taylor Erb

Irmgard Rutherford, with honors

Leslie Herman Freitas

Dale David Simmons

William Herbert Gilbertson

Shirley Elaine Skinner

Jack Burton Goetchius

Marjorie Helen Strand

Ray Irving Gosney

Maurice Eugene Swartz

Mary Margaret Grebbell

Carroll Powell Taylor

Thomas Hugh Gripp

James Shotwell Thomas

Jean Shirley Hammond, with honors

Odey Steven Victor

John Amos Haygood

Madeline deQuetteville Williams

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Denny Earl Anderson

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Roger Bruce Anderson

Mahlon Sherman Dofsen

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George William Berland

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Walter Rodney Espeland

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Barbara Claire Kidder
Curtis Colin King
Richard Donovan Kraabel
Charles Augustus Krona
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Lloyd Junior Lowe
Mead C. McDonald

Ralph Earle Mackey
George Courtney Pearson
Donald Campbell Peterson, with honors
Jack Hugh Sandstrom
Louis William Siegler, Jr.
Nadean Audra Taylor
Jon Hayden Torgerson
Hedy Liu Wee
Darrell Lawrence Willits

BACHELOR OF ARTS IN EDUCATION

Barbara Ruth Ahlberg
Joyce Maxine Anderson, with honors
Maris Vendla Anderson, with honors
John Gino Bartenetti
Jerry Lee Beardsley
Donald Dean Boesel
Clement Joaquin Carvalho
Patricia Lynne DeMars
Frances Jayne Ellertson, with honors
William Wallace Erwin
Linda Margaret Franson
Grace Irene Gius
Joeann Marie Huchthoen
Janet Dagmar Hudtloff
Donalda Grant Jacobson
Janice Louise Jacot

Sara Ann Jaeger, with honors
Mary Ann Jugovich
Anna Krilich
Gloria Nadine Leonard
Clarence L. Lofing
Frances Marie Marinkovich
Warren Wilbert Moyles
Ada KirVan Oyster
Mildred Hall Phelps
John Kenneth Radich
Clarice Elizabeth Slosson
Doris Irene Soder, with honors
Virgil Eugene Stephens
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Walberg Tonstad, with honors
Alicia Legg Wood

BACHELOR OF ARTS IN HOME ECONOMICS

Bonnie Jean Boze Beardsley, with honors Rayetta Chenoweth Taylor

BACHELOR OF ARTS IN PHYSICAL EDUCATION

Stephen Paul Blondo Louis Alvin Grzadzielewski

BACHELOR OF SCIENCE

David Neil Berg Ruth Ann Nicholson, with honors
Phillip Theodore Funke Gordon Steve Pollack
John Dallas Gosnell Donald Robert Rogers
Delores Sigrid Jordahl Edward Renlund Sahlin
Leslie Marvin McDonough Ralph Junior Stevens
Joseph Walter Majka Fumiko Takahashi

BACHELOR OF SCIENCE IN GEOLOGY

Jack Bruce Dugwyler

BACHELOR OF SCIENCE IN HOME ECONOMICS

Goldie Darlene Nickson

BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

Carl Seibun Niwa Evelyn Gough Todd

BACHELOR OF SCIENCE IN OCCUPATIONAL THERAPY

Janet Elaine Allen Elaine King
Nancy Beeman Mary Ann Kroeker, with honors
Elaine Basilo Dikeos Gertrude Ann Marsh
Barbara Greyce Johnston Barbara Jane Morse
Janet Ruth Johnston Wilma Nancy Shannon
Elsa-Claire McFarlane Kam Marion Genevieve Smith

Marilyn Louise Wagner

BACHELOR OF MUSIC

Gordon Stuart Bingham Marjorie Jane Newhouse
James Robert Chance J'Anna May Sharrard, with honors

DEGREE AWARDS

CERTIFICATE IN OCCUPATIONAL THERAPY

Evelyn Margaret Bengson
 Fredericka Louisa Foulks
 Shirley Campbell Inveen
 Fredda Ruth Lamp

Barbara Jane Martin
 Lenora Carolyn Stevenson
 Patricia Ann Stewart
 Ruth Beverly Wallen

COMMISSION IN THE U. S. AIR FORCE RESERVE AS SECOND LIEUTENANT

Donald Alexander Charleson, Jr.
 James Davis
 Charles Lavata Goforth III

Keith Harold Hagen
 Robert Holmes Linrothe
 Guy William Nick

George Courtney Pearson

SPECIAL SENIOR HONORS

A.A.U.W. Membership Award	- - - - -	Marjorie Dee Kelso
Allie Jones Memorial Award in Dramatics	- - - - -	Suzanne Swayze
Robert Brandt Memorial Award in Dramatics	- - - - -	Russell Barber
Richard Summers Memorial Award in Music	- - - - -	J'Anna May Sharrard
Senior Inspirational Award	- - - - -	Willis Edward Peacock

(Ralph Olson Memorial)

Charles McNary Business Administration Award	- - - - -	Curtis Colin King
Amphictyon Society Cup	- - - - -	Donald Dean Boesel
Weir Education Trophy	- - - - -	Doris Irene Soder
		Walberg Tonstad
American Chemical Society Plaque	- - - - -	Ruth Ann Nicholson
Forrest McKernan Award in Dramatics	- - - - -	Walberg Tonstad
A.S.C.P.S. Spirit Trophy	- - - - -	Donald Dean Boesel
Ray Williams Memorial Award in Geology	- - - - -	Richard James Perkins
Sigma Alpha Iota Honor Certificate	- - - - -	J'Anna May Sharrard
Four-Year Forensic Participation Cups	- - - - -	Richard Joseph Dunn
		Edmond Roy Durocher
		Curtis Colin King
		Nadean Audra Taylor

DEPARTMENTAL HONORS

Donald Campbell Peterson	- - - - -	Business Administration
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MU SIGMA DELTA

(Scholastic Honor Society)

Joyce Maxine Anderson
 Maris Vendla Anderson
 Ida Apetz Downing
 Jean Shirley Hammond
 Mary Ann Kroeker
 Selma Peterson Myhre

Ruth Ann Nicholson
 Donald Robert Rogers
 Irmgard Rutherford
 Robert Paul Sharply
 J'Anna May Sharrard
 Ralph Junior Stevens

Walberg Tonstad

OTLAH

(Women's Scholastic Honor Society)

Janet Elaine Allen
 Joyce Maxine Anderson
 Maris Vendla Anderson
 Frances Burtine Beal
 Lea Mae Blackburn
 Bonnie Jean Boze Beardsley
 Marilyn Glee Callahan Hohnbaum
 Frances Jayne Ellertson
 Janice Louise Jacot

Sara Ann Jaeger
 Mary Ann Jugovich
 Ruth Carolyn Klovee Sharply
 Marjorie Jane Newhouse
 Ruth Ann Nicholson
 J'Anna May Sharrard
 Shirley Elaine Skinner
 Doris Irene Soder
 Marjorie Helen Strand

Fumiko Takahashi

GRANTED IN AUGUST, 1954

MASTER OF ARTS

Ralph Carl Eikenberry, B.A. in Ed.

MASTER OF SCIENCE

Irwin Geller, A.B.

Richard Louis Rose, B.S.

MASTER OF EDUCATION

Harold Henry Berndt, A.B.

Aubrey Wright Clayton, B.S., B.Ed.

Helen Chandramani Donald, A.B., B.T.

Dennis John Gallagher, A.B.

Ernest Arthur Larson, Jr., A.B., B.Ed.

Gladys Loretta Lees, A.B.

Peter Morton Londahl, A.B.

Harold Perry Morgan, A.B.

Hazel Hammett Pflugmacher, B.A. in Ed.

Obert Julian Sovde, A.B., B.Ed.

Robert Lawrence Terry, B.S., B.Ed.

Charles William Winter, B.S. in Ed.

BACHELOR OF EDUCATION

Edward Louis Balarezo, A.B.

Lillian Boudin, B.Mus.

Margaret Etta Caldwell, A.B.

Charles Ernest Hora, B.S.

Robert Joseph William Jensen, A.B.

Sando Ernest Mazzei, A.B.

Kenneth Dean Sage, B.A. in Ed.

Dolores Ann Springer, B.A. in Ed.

Donald Frans Wallen, B.A. in Ed.

Lee Jackson Whiteman, B.A. in Ed.

Rose Gray Willson, B.A. in Ed.

BACHELOR OF ARTS

Roy Emanuel Anderson

Joyce Lorraine Chan

Richard William Curtice

Richard Charles Hohnbaum, Jr.

Roy William Nickson

Ralph Junior Stevens, B.S.

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Jack Allan Brady

John William Cerqui

Charles Douglas Corns

Richard Norman Racek

James Lee Schoettler

John Allan Travis

Lars James Wetterhus

BACHELOR OF ARTS IN EDUCATION

Madge Reynolds Bouffieux

Kathryn Loraine Bryan

John Conrad Carlson

Thelma Evelyn Westley Cummings

Grace Albert Gratton

Genevieve Anderson Jones

Royal Anthony LaPlante, Jr.

Myrtie Wilds Perkins

Dorothy Kathleen Powell

Edna Juanita Prestel

Miriam Ruth Rayburn

Maude Riley Rueger

Norma Huseby Vinyard

Nelle Virginia Walton

Juanita Robinson Watson

BACHELOR OF SCIENCE

Alfred David Ross

Fred Madison Utter

BACHELOR OF SCIENCE IN OCCUPATIONAL THERAPY

George Earl Spicer

SUMMARY OF REGISTRATION

<i>First Semester</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>
Graduates	87	98	185
Seniors	140	80	220
Juniors	140	97	237
Sophomores	182	78	260
Freshmen	272	153	425
Specials	58	83	141
Nurses		50	50
Total	879	639	1518
Dropped during or at end of first semester	153	202	355
Entered second semester	171	114	285
 <i>Second Semester</i>			
Graduates	88	63	151
Seniors	157	72	229
Juniors	145	96	241
Sophomores	198	81	279
Freshmen	239	138	377
Specials	70	55	125
Nurses		46	46
Total	897	551	1448
Net Total, First and Second Semesters.....	1050	753	1803
Summer Session 1954	257	337	594
Total	1307	1090	2397
Summer Students Previously Counted	175	188	363
Net Total	1132	902	2034

MEMORIAL FUNDS AND FOUNDATIONS

BRIDLEY PROFESSORSHIP—for maintenance of a professorship in mathematics.

FOSTER PROFESSORSHIP—for maintenance of a professorship in religious education.

McCORMICK PROFESSORSHIP—for maintenance of a chair in economics, in memory of Robert Laird McCormick.

DAVIS PROFESSORSHIP—for maintenance of a chair in history, in memory of Walter S. Davis.

SHERMAN E. ELLIS FOUNDATION—for the purchase of books on religious education.

MATTIE L. MASTERS FUND—an unrestricted fund, in her memory.

MINERVA PAYNE TODD FUND—an unrestricted endowment, in her memory.

BLAINE FUND—an unrestricted endowment, in memory of Catherine and Reverend David E. Blaine.

ROWLAND FUND—an unrestricted endowment, in memory of Harriet O. Rowland.

WILSON FUND—an unrestricted endowment, in memory of Anne Fernie Wilson.

CHARLES H. AMES MEMORIAL FUND—an unrestricted endowment, in his memory.

REVEREND JOHN T. ROBERTS MEMORIAL FUND—established in his memory for young people preparing for the ministry.

LILLIAN MAIBEN FUND—for maintenance of a chair in home economics.

RUTH THORNTON MEMORIAL FUND—for establishing the Department of Occupational Therapy.

ROBERT S. MUNN MEMORIAL FUND—a fund, in his memory.

ALFRED LISTER MEMORIAL FUND—the use to be decided by the Board of Trustees.

CRAWFORD R. THOBURN MEMORIAL FUND—an unrestricted endowment, in his memory.

ARTHUR W. MARTIN MEMORIAL FUND—an unrestricted endowment, in his memory.

IDA WASSON MEMORIAL FUND—an endowed memorial in her honor to aid worthy students.

GAIL PAULINE DAY MEMORIAL CHAPEL—in memory of an alumna, a small chapel on the second floor of Jones Hall was beautifully finished by her parents, Mr. and Mrs. E. Verne Day.

THE HOWARD R. KILWORTH MEMORIAL CARILLON—a sixty-one bell carillon in his memory. A gift of Mr. William W. Kilworth.

MUSEUM OF NATURAL HISTORY

The Puget Sound Museum of Natural History is under the supervision of the Board of Trustees and directly under the Department of Biology and a Museum Board of Directors. Its function is to acquire and preserve Pacific Northwest natural-history specimens for educational purposes. Organized field work helps secure specimens and related regional material. At present, the museum has about 16,000 specimens of mammals, birds, reptiles, and amphibia, in addition to 5,000 herbarium sheets.

The Board of Directors are: Dr. R. Franklin Thompson, President of the College; Dr. Gordon D. Alcorn, Director and Curator of Birds; W. Gerard Banks, Bursar; Leo King Couch, Mammology; Irene O. Creso, Curator of Botany; Dr. Stanley Gordon Jewett, Mammology and Ornithology; Dr. Murray L. Johnson, Curator of Mammals; Edward A. Kitchin, Ornithology; Kenneth Walker, Acting Curator of Reptiles and Amphibia; Stanton Warburton, Jr., Ornithology.

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